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THE HARVARD UNIVERSITY CATALOGUE

1902-03

CAMBRIDGE
Published by the University
1902

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CALENDAR.

The meetings of the PRESIDENT AND FELLOWS *are held on the second and on the last Monday of every month.*

1902.

Sept. 25, Thurs. **Academic Year begins** in all departments of the University.

Oct. 1, Wed. Last day for receiving applications for the Bullard (Medical) Fellowships.

Oct. 8. Wed. Stated Meeting of the Board of Overseers.

Oct. 31, Fri. Last day for receiving applications of candidates for Final Honors in 1903.

Nov. 1, Sat. Last day for receiving essays for the William H. Thorndike Prize.

Nov. 1, Sat. Last day for receiving applications for the Charles Eliot Norton Fellowship in Greek Studies.

Nov. 27, Thurs. Thanksgiving Day: a holiday.

Nov. 29, Sat. Last day for receiving applications for the Cheever and Hayden (Medical) Scholarships.

Dec. 1, Mon. Last day for receiving applications for aid from the Loan Fund.

RECESS FROM DEC. 23, 1902, TO JAN. 2, 1903, INCLUSIVE.

1903.

Jan. 1, Thur. Last day for receiving dissertations for the Boylston Medical Prizes.

Jan. 14, Wed. Stated Meeting of the Board of Overseers.

Feb. 2, Mon. Second half-year begins in the Medical and the Dental Schools.

Feb. 9, Mon. **Second half-year begins** (except in the Medical and Dental Schools).

Feb. 22, Sun. Washington's Birthday.

Feb. 23, Mon. A holiday: celebration of Washington's Birthday.

Mar. 14, Sat. Last day for receiving applications for all Graduate Fellowships and Scholarships, and for College Scholarships to be assigned to Graduate Students.

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Mar. 31, Tues. Last day for receiving applications for Divinity School Fellowships and Scholarships.

Mar. 31, Tues. Last day for re-engaging College Rooms for 1903–04.

April 1, Wed. Last day for receiving applications of candidates for Second-Year Honors.

April 1, Wed. Last day for receiving dissertations for the Bowdoin Prizes.

April 1, Wed. Last day for receiving theses of candidates for the degree of Ph.D. in 1903 in the Divisions of Modern Languages or of American Archaeology and Ethnology.

April 8, Wed. Stated Meeting of the Board of Overseers.

RECESS FROM APRIL 19 TO APRIL 25, INCLUSIVE.

April 30, Thurs. Last day for receiving names of competitors for the Boylston Prizes for Elocution.

April 30, Thurs. Applications from Graduate Students for admission to examination for any degree must be made on or before this date.

April 30, Thurs. Last day for receiving applications from students to be qualified for the degree of A.M. in 1903.

May 1, Fri. Last day for receiving applications for admission to the Law School as Special Students.

May 1, Fri. Last day for receiving from persons intending to enter College applications for Price Greenleaf Aid for 1903–04.

May 1, Fri. Last day for receiving dissertations for the Dante, Sargent, Toppan, Sumner, and Bennett Prizes.

May 1, Fri. Notice of intention to compete for the Sales Prize must be given on or before this date.

May 1, Fri. Last day for receiving theses of Candidates for the degree of Ph.D. or S.D. in 1903 (except in the Divisions of Modern Languages or of American Archaeology and Ethnology).

May 1, Fri. Last day for Undergraduates and for Graduate Students to hand in their Commencement Parts.

May 2, Sat. Last day for receiving applications for College Rooms for 1903–04.

May 14, Thurs. Speaking for the Boylston Prizes.

May 15, Fri. Last day for making application for Ricardo Prize Scholarship.

May 15, Fri. Last day for handing in theses for Philip Washburn Prize.

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May 27, Wed. Last day for receiving from Undergraduates applications for College Scholarships, and for Price Greenleaf Aid for 1903–04.

May 30, Sat. Memorial Day: a holiday.

May 30, Sat. Last day for receiving application of candidates for the degree of M.D. or the degree of D.M.D., in 1903.

May 30, Sat. Last day for receiving applications for Medical School Scholarships for 1903–04 (except the Cheever and Hayden Scholarships).

June 1, Mon. Last day for receiving applications for Law School and Scientific School Scholarships for 1903–04.

June 1, Mon. Examinations begin in the Medical and the Dental Schools.

June 22–27, Mon. to *Sat.* Examinations for admission to Harvard College and the Lawrence Scientific School.

June 24, Wed. **Commencement.** Stated Meeting of the Board of Overseers.

SUMMER VACATION OF FOURTEEN WEEKS, FROM COMMENCEMENT DAY TO SEPTEMBER 30, INCLUSIVE.

June 25, Thurs. Examination in Chemistry for admission to the Medical School.

June 25, Thurs. Examination for admission to the Dental School.

July 6, Mon. Summer School of the Faculty of Arts and Sciences opens.

Sept. 21–26, Mon. to *Sat.* Examinations for admission to Harvard College and the Lawrence Scientific School.

Sept. 23, Wed. Examination in Chemistry for admission to the Medical School.

Sept. 28, Mon. Examinations for admission to the Dental School.

Sept. 30, Wed. Annual Meeting of the Board of Overseers.

Oct. 1, Thurs. **Academic Year begins** in all departments of the University.

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DEPARTMENTS OF THE UNIVERSITY.

The University comprehends the following departments: —

HARVARD COLLEGE,
THE LAWRENCE SCIENTIFIC SCHOOL,
THE GRADUATE SCHOOL,
THE DIVINITY SCHOOL,
THE LAW SCHOOL,
THE MEDICAL SCHOOL,
THE DENTAL SCHOOL,
THE BUSSEY INSTITUTION (a School of Agriculture),
THE ARNOLD ARBORETUM,
THE UNIVERSITY LIBRARY,
THE MUSEUM OF COMPARATIVE ZOÖLOGY,
THE PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY,
THE UNIVERSITY MUSEUM,
THE BOTANIC GARDEN,
THE GRAY HERBARIUM,
THE ASTRONOMICAL OBSERVATORY.

☞ **Students in regular standing in any one department of the University are admitted free to the instruction and the examinations given in any other department, with the exception of exercises carried on in the special laboratories. But no student whose tuition fee for the year amounts to less than $150 is admitted to exercises given in any department other than that in which he is enrolled, except by special permission of the Dean of the department in which the instruction is given, after being duly accredited thereto by the Dean of the department of which the student is a member.**

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ADMINISTRATIVE OFFICERS.

THE UNIVERSITY.

President: CHARLES WILLIAM ELIOT, A.M., LL.D.
Office, 5 University Hall, Cambridge.

Treasurer: CHARLES FRANCIS ADAMS, 2d, A.B., LL.B.

Comptroller: ALLEN DANFORTH, A.M.
The office of the Corporation (and of the Treasurer and the Comptroller) is at 50 State Street, Boston. Office hours, 10 A.M. to 2 P.M.; Saturday, 10 A.M. to 12 M.

Bursar: CHARLES FRANK MASON, A.B.
Office, Dane Hall, Cambridge. Office hours, 9 A.M. to 1 P.M.

Librarian: WILLIAM COOLIDGE LANE, A.B.
Office, Gore Hall, Cambridge.

Director of Hemenway Gymnasium: DUDLEY ALLEN SARGENT, M.D., S.D.
Office, Hemenway Gymnasium, Cambridge.

Regent: GEORGE ALONZO BARTLETT, A.M.
Office, 5 University Hall, Cambridge.

Publication Agent: JOHN BERTRAM WILLIAMS, A.B.
Office, 2 University Hall, Cambridge. Office hours, 9 A.M. to 5 P.M.; Saturday, 9 A.M. to 12.30 P.M.

Secretary to the President: JEROME DAVIS GREENE, A.B.
Office, 5 University Hall, Cambridge.

THE FACULTY OF ARTS AND SCIENCES.

The Offices of this Faculty and of the Departments under its charge at Nos. 4, 5, 9, 10, and 16, University Hall, Cambridge, are open on weekdays, except Saturdays, from 9 A.M. *to* 1 P.M., *and on Saturdays from* 9 A.M. *to* 12 M. *Nos. 5, 9, 10, and 16 are also ordinarily open on weekdays, except Saturdays, from* 2 *to* 4 P.M.

Dean of the Faculty of Arts and Sciences: LE BARON RUSSELL BRIGGS, A.M., LL.D.
Office, 5 University Hall. Office hours, 9 A.M., Monday, Wednesday, and Friday.

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Dean of the Graduate School: JOHN HENRY WRIGHT, A.M., LL.D.
Office, 10 University Hall. Office hours, Monday, Thursday, 3 P.M. to 3.30 P.M.

Dean of Harvard College: BYRON SATTERLEE HURLBUT, A.M.
Office, 4 University Hall. Office hours, Monday, Tuesday, Friday, 10 A.M. to 12.30 P.M.

Dean of the Lawrence Scientific School: NATHANIEL SOUTHGATE SHALER, S.D.
Office, 16 University Hall. Office hours, daily, 9 A.M., except Saturday.

Secretary of the Faculty of Arts and Sciences, and *Chairman of the Committee on Special Students:* JOHN GODDARD HART, A.M.
Office, 5 University Hall. Office hours, daily, 9 A.M. to 10 A.M.

Chairman of the Committee on Admission from other Colleges: GEORGE WASHINGTON CRAM, A.B.
Office, 4 University Hall. Office hours, daily, 9 A.M. to 12 M.

Recorder of the Faculty of Arts and Sciences: GEORGE WASHINGTON CRAM, A.B.
Office, 4 University Hall. Office hours, daily, 9 A.M. to 1 P.M.

Secretary of the Lawrence Scientific School, and *Clerk of the Summer School:* JAMES LEE LOVE, A.M.
Office, 16 University Hall. Office hours, 9 A.M. and 2.30 P.M.; Saturday, 9 A.M. to 11 A.M.

Chairman of the Appointment Committee: RICHARD COBB, A.B.
Office, 9 University Hall. Office hours, daily from 9 to 11 A.M.

LABORATORIES AND MUSEUMS ASSOCIATED WITH THE FACULTY OF ARTS AND SCIENCES.

Director of the Chemical Laboratory: HENRY BARKER HILL, A.M.
The Chemical Laboratory is in Boylston Hall.

Director of the Jefferson Physical Laboratory: JOHN TROWBRIDGE, S.D.
The Jefferson Physical Laboratory is on Holmes Field.

Director of the University Museum: ALEXANDER AGASSIZ, LL.D.

Keeper of the Museum of Comparative Zoölogy: WILLIAM MCMICHAEL WOODWORTH, PH.D.

In charge of the Botanical Museum: GEORGE LINCOLN GOODALE, M.D., LL.D.
The Botanical Laboratories are in the same building.

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Curator of the Mineralogical Museum: JOHN ELIOT WOLFF, PH.D.

Curator of the Peabody Museum of Archaeology and Ethnology: FREDERIC WARD PUTNAM, A.M., S.D.

The above Museums are between Oxford Street and Divinity Avenue.

Curator of the Semitic Museum: DAVID GORDON LYON, PH.D., D.D.

The Semitic Museum is on Divinity Avenue.

Curator of the Germanic Museum: KUNO FRANCKE, PH.D.

The Germanic Museum is at the junction of Cambridge Street and Broadway, opposite Memorial Hall.

Director of the William Hayes Fogg Museum of Art, and *Curator of the Gray Collection of Engravings:* CHARLES HERBERT MOORE, A.M.

The Fogg Museum of Art is on Cambridge Street.

Director of the Botanic Garden: GEORGE LINCOLN GOODALE, M.D., LL.D.

Curator of the Gray Herbarium: BENJAMIN LINCOLN ROBINSON, PH.D.

The Herbarium and Botanic Garden are at the corner of Garden and Linnaean Streets.

OTHER FACULTIES AND DEPARTMENTS.

Dean of the Faculty of Divinity: FRANCIS GREENWOOD PEABODY, A.M., D.D.

Secretary of the Faculty of Divinity, and *Librarian of the Divinity School:* ROBERT SWAIN MORISON, A.M., S.T.B.

Office, Divinity Library, Cambridge. Office hours, daily, 9 A.M. to 1 P.M.

Dean of the Faculty of Law: JAMES BARR AMES, LL.B., LL.D.

Office, Austin Hall, Cambridge.

Secretary of the Faculty of Law: FREDERIC LOUIS FISCHER, A.B.

Office, Austin Hall, Cambridge.

Librarian of the Law School: JOHN HIMES ARNOLD.

Assistant Librarian of the Law School: CHARLES FRANCIS DORR BELDEN, LL.B.

Office, Austin Hall, Cambridge.

Dean of the Faculty of Medicine
Dean of the Medical School } WILLIAM LAMBERT RICHARDSON, M.D.

Office, Harvard Medical School, corner of Boylston and Exeter Streets, Boston. Office hours, Tuesday, Friday, 12.15 P.M. to 1 P.M.

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Secretary of the Faculty of Medicine: CHARLES MONTRAVILLE GREEN, M.D.
Office, Harvard Medical School, corner of Boylston and Exeter Streets, Boston. Office hours, Monday, Thursday, 12 M. to 1 P.M.

Dean of the Dental School: EUGENE HANES SMITH, D.M.D.
The Dental School is on North Grove Street, Boston. The office of the Dean is at 283 Dartmouth Street, Boston. Office hours, 9 A.M. to 4 P.M.

Curator of the Dental Museum: WALDO ELIAS BOARDMAN, D.M.D.
Office, 184 Boylston Street, Boston.

Dean of the Bussey Institution: FRANCIS HUMPHREYS STORER, S.B., A.M.
The Bussey Institution is in Jamaica Plain. The nearest railway and telegraph station is Forest Hills, on the Boston and Providence Division of the N.Y., N.H., and Hartford Railroad.

Superintendent of the Bussey Farm: EDMUND HERSEY.
The post-office address of the Farm Superintendent is Roslindale.

Director of the Arnold Arboretum: CHARLES SPRAGUE SARGENT, A.B., LL.D.
The Arnold Arboretum is in Jamaica Plain. The nearest railway and telegraph station is Forest Hills, on the Boston and Providence Division of the N.Y., N.H., and Hartford Railroad.

Director of the Astronomical Observatory: EDWARD CHARLES PICKERING, LL.D.
The Observatory is at the corner of Garden and Bond Streets, Cambridge.

ABBREVIATIONS.

C.	College House.	H'ke	Holyoke House.
C't	Conant Hall.	H'y	Holworthy Hall.
D.	Divinity Hall.	M.	Matthews Hall.
F.	Foxcroft House.	P.	Perkins Hall.
G.	Grays Hall.	S.	Stoughton Hall.
Gnt.	Gannett House.	T.	Thayer Hall.
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CHARLES HAMILTON ASHTON, A.M., *Instructor in Mathematics*, 31 Maple Ave.

RICHARD CLARKE CABOT, A.B., M.D., *Lecturer on Philosophy*, 190 Marlborough St., Boston.

* The address of each of the Preachers during the term of his residence at the University, is No. 1 Wadsworth House.

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JESSE MORE GREENMAN, PH.D., *Instructor in Botany*, and *Assistant at the Gray Herbarium*, 28 Hurlbut St.
THOMAS HALL, JR., A.B., *Instructor in English*, 102 Mt. Auburn St.
CHARLES READ NUTTER, A.B., *Instructor in English*, 50 Beacon St., Boston.
GEORGE WASHINGTON PIERCE, PH.D., *Instructor in Physics*, Holyoke 33.
MOTTE ALSTON READ, S.B., *Instructor in Geology*, 11 Wendell St.
HECTOR JAMES HUGHES, A.B., S.B., *Instructor in Hydraulics*, 12 Hawthorn St.
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EDWIN BISSELL HOLT, PH.D., *Instructor in Psychology*, 13 Chauncy St.
KARL DETLEV JESSEN, PH.D., *Instructor in German*, 51 Oxford St.
GILBERT NEWTON LEWIS, PH.D., *Instructor in Chemistry*, Fairfax 7.
ROGER BIGELOW MERRIMAN, LITT.B., PH.D., *Instructor in History*, Fairfax 33.
RALPH BARTON PERRY, PH.D., *Instructor in Philosophy*, Dana 37.
ARTHUR ASAHEL SHURTLEFF, S.B., *Instructor in Landscape Architecture*, 9 W. Cedar St., Boston.
STEPHEN EDGAR WHITING, S.B., *Instructor in Electrical Engineering*, 11 Ware St.
MERRITT LYNDON FERNALD, S.B., *Instructor in Botany*, Dunster 21.
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HARRY WHEELER MORSE, PH.D., *Instructor in Physics*, Holyoke 33.
HERBERT WILBUR RAND, C.E., PH.D., *Instructor in Zoölogy*, 89 Trowbridge St.
WILLIAM HENRY ROEVER, S.B., *Instructor in Mathematics*, 45 Trowbridge St.
ARTHUR WILLIAM RYDER, PH.D., *Instructor in Indic Philology*, Perkins 72.
EDGAR HUIDEKOPER WELLS, A.B., *Instructor in English*, 16 Hereford St., Boston.
OAKES AMES, A.M., *Instructor in Botany*, North Easton.
CHARLES HAMILTON AYRES, PH.D., *Instructor in Physics*, Everett 44.
WILLIAM WILSON BAKER, PH.D., *Instructor in Latin*, 1657 Cambridge St.
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ROBERT MAXIMILIAN OTTOMAR WERNAER, A.M., LL.B., *Instructor in German*, 1683 Cambridge St.
JOHN FELT COLE, A.B., *Instructor in Astronomy*, 136 Perkins St., Somerville.
HENRY WILLIAM DUBÉE, A.M., *Instructor in German*, 56 Palmer St., Arlington.
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SAMUEL HOLMES DURGIN, M.D., *Lecturer on Hygiene*,	845 Boylston St., Boston.
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THOMAS AMORY DEBLOIS, M.D., *Clinical Instructor in Laryngology*, 48 Gloucester St., Boston.

EDWARD MARSHALL BUCKINGHAM, M.D., *Clinical Instructor in Diseases of Children*, 342 Marlborough St., Boston.

JOHN WHEELOCK ELLIOT, A.B., M.D., *Lecturer on Surgery*, 124 Beacon St., Boston.

JOHN WOODFORD FARLOW, A.B., M.D., *Clinical Instructor in Laryngology*, 234 Clarendon St., Boston.

CHARLES FRANCIS WITHINGTON, A.B., M.D., *Instructor in Clinical Medicine*, 35 Bay State Road, Boston.

SAMUEL JASON MIXTER, S.B., M.D., *Assistant in Operative Surgery*, 180 Marlborough St., Boston.

GEORGE HOWARD MONKS, A.B., M.D., M.R.C.S., *Instructor in Clinical Surgery*, and *Assistant in Operative Surgery*, 67 Marlborough St., Boston.

MYLES STANDISH, A.M., M.D., *Instructor in Ophthalmology*, 6 St. James Ave., Boston.

GEORGE LINCOLN WALTON, A.B., M.D., *Clinical Instructor in Diseases of the Nervous System*, 199 Marlborough St., Boston.

FRANCIS SEDGWICK WATSON, A.B., M.D., *Lecturer on Genito-Urinary Surgery*, 92 Marlborough St., Boston.

PHILIP COOMBS KNAPP, A.M., M.D., *Clinical Instructor in Diseases of the Nervous System*, 33 Marlborough St., Boston.

HERMAN FRANK VICKERY, A.B., M.D., *Instructor in Clinical Medicine*, 263 Beacon St., Boston.

GEORGE HAVEN, M.D., *Instructor in Gynaecology*, 607 Beacon St., Boston.

HENRY JACKSON, A.B., M.D., *Instructor in Clinical Medicine*, 309 Marlborough St., Boston.

ALGERNON COOLIDGE, JR., A.B., M.D., *Clinical Instructor in Laryngology*, 613 Beacon St., Boston.

EDWARD BINNEY LANE, A.B., M.D., *Clinical Instructor in Mental Diseases*, New Dorchester.

ROBERT WILLIAMSON LOVETT, A.B., M.D., *Assistant in Orthopedics*, 234 Marlborough St., Boston.

JOHN CUMMINGS MUNRO, A.B., M.D., *Instructor in Surgery*, 173 Beacon St., Boston.

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ELLIOTT GRAY BRACKETT, M.D., *Assistant in Orthopedics*, 133 Newbury St., Boston.
ARTHUR KINGSBURY STONE, A.M., M.D., *Assistant in the Theory and Practice of Physic*, 543 Boylston St., Boston.
EDWIN EVERETT JACK, A.B., M.D., *Assistant in Ophthalmology*, 215 Beacon St., Boston.
JAMES OSCAR JORDAN, PH.G., *Assistant in Materia Medica*, 30 Huntington Ave., Boston.
PAUL THORNDIKE, A.B., M.D., *Instructor in Genito-Urinary Surgery*, 244 Marlborough St., Boston.
GEORGE ARTHUR CRAIGIN, A.M., M.D., *Assistant in Diseases of Children*, 18 Hereford St., Boston.
JOEL ERNEST GOLDTHWAIT, S.B., M.D., *Assistant in Orthopedics*, 398 Marlborough St., Boston.
JAMES GREGORY MUMFORD, A.B., M.D., *Assistant in Clinical and Operative Surgery*, 29 Commonwealth Ave., Boston.
WILLIAM HERBERT PRESCOTT, M.D., *Assistant in Clinical Medicine*, 285 Marlborough St., Boston.
MALCOLM STORER, A.B., M.D., *Assistant in Gynaecology*, 476 Boylston St., Boston.
FRANK ALBERT HIGGINS, S.B., M.D., *Instructor in Obstetrics*, 384 Commonwealth Ave., Boston.
EDWARD HALL NICHOLS, A.M., M.D., *Instructor in Surgical Pathology*, 294 Marlborough St., Boston.
JOHN LINCOLN AMES, A.B., M.D., *Assistant in Clinical Medicine*, 72 Chestnut St., Boston.
JOHN WASHBURN BARTOL, A.B., M.D., *Assistant in Clinical Medicine*, 48 Chestnut St., Boston.
JOHN BAPST BLAKE, A.M., M.D., *Assistant in Clinical and Operative Surgery*, 302 Beacon St., Boston.
WILLIAM EDWARD FAULKNER, A.B., M.D., *Assistant in Clinical and Operative Surgery*, 5 Otis Pl., Boston.
JAMES MARSH JACKSON, PH.D., M.D., *Assistant in Clinical Medicine*, 259 Beacon St., Boston.
HOWARD AUGUSTUS LOTHROP, A.M., M.D., *Assistant in Surgery*, 10 Marlborough St., Boston.
JOHN LOVETT MORSE, A.M., M.D., *Instructor in Diseases of Children*, 70 Bay State Road, Boston.
ALEXANDER QUACKENBOSS, A.M., M.D., *Assistant in Ophthalmology*, 71 Newbury St., Boston.
FRANKLIN GREENE BALCH, A.M., M.D., *Assistant in Clinical and Operative Surgery*, 279 Clarendon St., Boston.

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FRED BATES LUND, A.M., M.D., *Assistant in Clinical and Operative Surgery*, 529 Beacon St., Boston.
CHARLES ALLEN PORTER, A.M., M.D., *Instructor in Surgery*, 254 Beacon St., Boston.
EDWARD WYLLYS TAYLOR, A.M., M.D., *Instructor in Neuropathology*, 416 Marlborough St., Boston.
JOHN TAYLOR BOTTOMLEY, A.B., M.D., *Assistant in Clinical and Operative Surgery*, 139 Beacon St., Boston.
GEORGE WASHINGTON WALES BREWSTER, A.B., M.D., *Assistant in Clinical and Operative Surgery*, 277 Clarendon St., Boston.
RICHARD CLARKE CABOT, A.B., M.D., *Assistant in Clinical Medicine*, 190 Marlborough St., Boston.
FARRAR COBB, A.M., M.D., *Assistant in Clinical and Operative Surgery*, 416 Marlborough St., Boston.
JOHN MATTHEW CONNOLLY, A.M., M.D., *Assistant in Chemistry*, 183 Harvard St., Dorchester.
FREDERIC JAY COTTON, A.M., M.D., *Assistant in Surgery*, 416 Marlborough St., Boston.
PHILIP HAMMOND, M.D., *Assistant in Otology*, 419 Boylston St., Boston.
HENRY FOX HEWES, A.B., M.D., *Instructor in Clinical Chemistry*, 125 Marlborough St., Boston.
ELLIOTT PROCTOR JOSLIN, PH.B., M.D., *Assistant in the Theory and Practice of Physic*, 517 Beacon St., Boston.
CALVIN GATES PAGE, A.B., M.D., *Assistant in Bacteriology*, 128 Marlborough St., Boston.
CHARLES MORTON SMITH, M.D., *Assistant in Syphilis*, 15 Charles St., Boston.
CHARLES JAMES WHITE, A.B., M.D., *Instructor in Dermatology*, 259 Marlborough St., Boston.
FRANKLIN WARREN WHITE, S.B., M.D., *Assistant in the Theory and Practice of Physic*, 416 Marlborough St., Boston.
JAMES HOMER WRIGHT, A.M., M.D., *Instructor in Pathology*, Mass. General Hospital, Boston.
SEABURY WELLS ALLEN, A.B., M.D., *Assistant in Anatomy*, 509 Beacon St., Boston.

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FRANCIS PARKMAN DENNY, A.B., M.D., *Assistant in Bacteriology*, 173 Walnut St., Brookline.
WILLIAM HENRY ROBEY, Jr., M.D., *Assistant in Bacteriology*, 442 Warren St., Boston.
GEORGE SHERWIN CLARKE BADGER, A.M., M.D., *Assistant in the Theory and Practice of Physic*, 483 Beacon St., Boston.
EDMUND WRIGHT CLAP, A.B., M.D., *Assistant in Opthalmology*, 222 Marlborough St., Boston.
WILLIAM ROBIE PATTEN EMERSON, A.B., M.D., *Assistant in Histology*, 601 Boylston St., Boston.
ROBERT BATTEY GREENOUGH, A.B., M.D., *Assistant in Surgery*, 479 Beacon St., Boston.
HARRIS PEYTON MOSHER, A.B., M.D., *Assistant in Anatomy*, 828 Beacon St., Boston.
FRANKLIN SPILMAN NEWELL, A.B., M.D., *Assistant in Obstetrics and Gynaecology*, 416 Marlborough St., Boston.
HENRY JOSEPH PERRY, A.B., M.D., *Assistant in Bacteriology*, 636 Beacon St., Boston.
WILLIAM HENRY SMITH, A.B., M.D., *Assistant in Clinical Medicine*, 479 Beacon St., Boston.
ERNEST BOYEN YOUNG, A.B., M.D., *Assistant in Anatomy and Gynæcology*, 499 Beacon St., Boston.
CHARLES SHOREY BUTLER, A.B., M.D., *Assistant in Anatomy*, 257 Newbury St., Boston.
JAMES CROWLEY DONOGHUE, M.D., *Assistant in Histology*, 152 W. Concord St., Boston.
RALPH CLINTON LARRABEE, A.B., M.D., *Assistant in Histology*, 912 Beacon St., Boston.
HENRY ORLANDO MARCY, Jr., A.B., M.D., *Assistant in Anatomy*, 665 Boylston St., Boston.
FRED MAURICE SPALDING, A.B., M.D., *Assistant in Opthalmology*, 665 Boylston St., Boston.
HOWARD TOWNSEND SWAIN, M.D., *Assistant in Obstetrics*, 259 Beacon St., Boston.
GEORGE SHATTUCK WHITESIDE, M.D., *Assistant in Anatomy*, 323 Beacon St., Boston.
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LINCOLN DAVIS, A.B., M.D., *Assistant in Anatomy*, 315 Marlborough St., Boston.

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ROBERT LEONARD EMERSON, A.B., M.D., *Instructor in Physiological Chemistry*, 688 Boylston St., Boston.
EUGENE ELLSWORTH EVERETT, A.B., M.D., *Assistant in Bacteriology*, 138 Huntington Ave., Boston.
MAYNARD LADD, A.B., M.D., *Assistant in Diseases of Children*, 220 Marlborough St., Boston.
GEORGE BURGESS MAGRATH, A.M., M.D., *Assistant in Pathology*, St. Botolph Studios, Boston.
PERCY MUSGRAVE, A.B., M.D., *Assistant in Chemistry*, 10 Exeter St., Boston.
JOSEPH HERSEY PRATT, A.M., M.D., *Assistant in the Theory and Practice of Physic*, 143 Newbury St., Boston.
FREDERICK WINSLOW STETSON, A.B., M.D., *Assistant in Anatomy*, 587 Columbia Road, Dorchester.
DAVID HAROLD WALKER, M.D., *Assistant in Hygiene*, 99 Mountfort St., Boston.
HENRY ASBURY CHRISTIAN, A.M., M.D., *Instructor in Pathology*, 84 Worcester St., Boston.
LEO VICTOR FRIEDMAN, A.B., M.D., *Assistant in Obstetrics*, 101 Newbury St., Boston.
GEORGE ARTHUR WATERMAN, A.B., M.D., *Assistant in Neurology*, 220 Marlborough St., Boston.
JOSEPH DEUTSCH WEIS, M.D., *Assistant in Bacteriology*, 66 Beacon St., Boston.
WILLIAM WHITRIDGE WILLIAMS, A.B., M.D., *Assistant in Pathology*, 143 Mass. Ave., Boston.
CARL LUCAS ALSBERG, A.M., M.D., *Assistant in Physiological Chemistry*, 688 Boylston St., Boston.
JOHN LEWIS BREMER, A.B., M.D., *Instructor in Histology and Embryology*, 416 Beacon St., Boston.
WALTER BRADFORD CANNON, A.M., M.D., *Instructor in Physiology*, 14 Avon Place.
ALFRED HENRY GOULD, A.B., M.D., *Assistant in Clinical and Operative Surgery*, 36 Newbury St., Boston.
MAURICE PAUL OCTAVE VEJUX-TYRODE, M.D., *Instructor in Pharmacology*, 688 Boylston St., Boston.
FREDERIC THOMAS LEWIS, A.M., M.D., *Instructor in Histology and Embryology*, 36 Highland Ave.

AUSTIN TEACHING FELLOWS.

LANGDON FROTHINGHAM, M.D.V., *in Bacteriology*, 386 Commonwealth Ave., Boston.
SAMUEL STEEN MAXWELL, S.M., PH.D., *in Physiology*, 4 Jones St., Roslindale.

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ARTHUR HENRY STODDARD, D.M.D., *Clinical Lecturer on Mechanical Dentistry*, 196 Marlborough St., Boston.
EDWARD WYLLYS TAYLOR, A.M., M.D., *Instructor in Neurology*, 416 Marlborough St., Boston.
HENRY CARLTON SMITH, PH.G., *Assistant in Chemistry*, 688 Boylston St., Boston.
DWIGHT WARD DICKINSON, S.B., D.M.D., *Assistant Demonstrator of Operative Dentistry*, 11 Melendy Ave., Watertown.
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JOHN DANA DICKINSON, D.M.D., *Clinical Instructor in Mechanical Dentistry*, 164 Newbury St., Boston.
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Adams, George Plimpton,	*Chicago, Ill.*	H'y 21.
Adams, John Mead,	*Cambridge,*	5 Howland St.
Adams, Philip,	*Cambridge,*	45 Oxford St.
Adler, Max A,	*Rochester, N. Y.*	H'ke 25.
Albright, Langdon,	*Buffalo, N. Y.*	Randolph 42.
Allen, Herbert Spencer,	*Boston,*	Randolph 7.
Ames, Adelbert, Jr.	*Lowell,*	Claverly 29.
Ames, Charles Bulkley,	*Groton,*	F. 16.
Ames, Fred Elijah,	*Spencer,*	W. 48.
Angle, Wesley Motley,	*Rochester, N. Y.*	M. 8.
Appleton, Francis Henry, Jr.	*Boston,*	Russell 17.
Archibald, Warren Seymour,	*Roxbury,*	H. 10.
Ayer, James Bourne, Jr.	*Boston,*	Gnt. 1.
Bacon, Roy Bayard, B.L. (*Hiram Coll.*) 1900,	*Cortland, O.*	7 Sumner St.
Baird, Stewart,	*Boston,*	Randolph 7.
Baker, Hugh Barkly,	*Newport, R.I.*	T. 62.
Bard, Darsie Campbell,	*Boulder, Colo.*	T. 51.
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Bartlett, Nelson Slater, Jr.	*Boston,*	Westmorly 7.
Barton, Frederick Macdonald,	*Worcester,*	T. 42.
Barton, George Sumner,	*Worcester,*	Westmorly 6.
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Bean, Ralph Melville,	*Lowell,*	T. 15.
Bear, Oliver Louis,	*Cincinnati, O.*	D. 19.
Beatman, Augustus Samuel,	*Afton, N. Y.*	1682 Cambridge St.
Bechtel, Edwin DeTurck,	*Calcium, Pa.*	M. 27.

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Bettman, Gilbert,	*Cincinnati, O.*	Ware 11.
Bigelow, Albert Francis,	*Boston,*	Russell 11.
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Black, Arthur,	*Troy, N. Y.*	H'y 10.
Blaikie, Stuart,	*New York, N. Y.*	Read's 19.
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Breed, Edwin Thruston,	*Louisville, Ky.*	S. 4.
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Buckborough, Siegel Abishai, A.B. (*McMaster Univ.*) 1902,	*Bookton, Ont.*	23 Mellen St.
Bullivant, Stanley Lodge,	*W. Newton,*	28 Holyoke St.
Bullock, Rockwood Hoar,	*Worcester,*	Apthorp 3.
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Chase, Daniel Downs,	*Cambridge,*	84 Hammond St.
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Conlin, James Francis,	*Cambridge,*	85 Walden St.
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Davis, George Gilman,	*W. Roxbury,*	20 Prescott St.
Davis, Philip,	*Boston,*	112 Salem St., Boston.
Davis, Richard Mott,	*Cambridge,*	29 Holyoke St.
Deibler, Frederick Shipp, A.B. (*Hanover Coll.*) 1900,	*Graham, Ind.*	16 Carver St.
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Denison, Arthur Wirt,	*Cambridge,*	Randolph 32.
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Derby, Richard,	*New York, N. Y.*	H'y 13.
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Ernst, Roger,	*Jamaica Plain*,	Gnt. 1.
Evans, Edward Wyatt, A.B. (*Haverford Coll.*) 1902,	*Germantown, Pa.*	45 Winthrop St.
Fay, Alan,	*Boston*,	Read's 12.
Field, James Alfred,	*Cambridge*,	1648 Mass. Ave.
Fitts, Frank Eugene, Jr.	*Somerville*,	17 Pleasant Ave., Somer.
Fitz, Edward Clarke,	*Boston*,	Russell 17.
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Flint, Weston Brown,	*Washington, D.C.*	55 Trowbridge St.
Folkins, Lewis Johnson, A.B. (*Mt. Allison Coll.*) 1900,	*Moncton, N.B.*	2 Carver St.
Foot, Nathan Chandler,	*New Rochelle, N. Y.*	Ware 3.
Foote, Edmund Willard,	*Brooklyn, N. Y.*	Craigie 501.
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Glasgow, William Hargadine,	*St. Louis, Mo.*	Little's 8.
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Gorfinkle, Joseph Isaac,	*Chelsea*,	H'ke 3.
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Gray, Albert Zabriskie,	*New York, N. Y.*	Randolph 43.
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Hall, Stanley Breed,	*Cambridge,*	Fairfax 45.
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Hanavan, William Lawrence,	*Buffalo, N. Y.*	G. 40.
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Haviland, William David,	*Limoges, France,*	Ware 51.
Hawkins, Richmond Laurin, A.B. (*Univ. of Missouri*) 1899, A.M. (*ibid.*) 1900,	*Meridian, Miss.*	1170 Mass. Ave.
Haycock, Ralph,	*Calais, Me.*	F. 2.
Henry, Ward Casady, A.B. (*Univ. of Iowa*) 1902,	*Des Moines, Ia.*	M. 48.
Hill, Leslie Pinckney,	*Orange, N.J.*	1560 Cambridge St.
Hinckley, George Wright,	*Dorchester,*	Craigie 205.
Hobbs, Samuel Twitchell,	*Worcester,*	W. 17.
Holmes, Henry Wyman,	*Brooklyn, N. Y.*	H. 15.
Holt, Clarence Blake,	*Portland, Me.*	Ware 23.
Hubbard, William Hustace,	*Yonkers, N. Y.*	M. 18.
Huguley, Arthur Whitfield,	*Boston,*	Read's 2.
Humphries, Elijah Howard Bertram,	*New Bedford,*	F. 16.
Hunt, Lester Edwin,	*Lynn,*	W. H. 32.
Inglis, Richard,	*Detroit, Mich.*	H. 32.
Ives, Oscar Jackson,	*Salem,*	H'ke 50.
Jackson, Frederick Gray,	*Cambridge,*	Hampden 38.
Jackson, Richard Fay,	*New Dorchester,*	56 Mt. Auburn St.
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Jaques, Francis,	*Lenox,*	78 Mt. Auburn St.
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Johnson, George Clifford,	*Boston,*	Little's 21.
Kallen, Horace Meyer,	*Boston,*	41A Irving St.
Keesey, Vincent King,	*York, Pa.*	Ware 17.
Keith, Merton Spencer, Jr.	*Cambridge,*	46 Irving St.
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Kelley, John Edward Joseph,	*Dorchester,*	412 Bowdoin St., Dor.
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Kingsbury, Willoughby Joseph,	*Lowell,*	Read's 1.
Kittredge, Wheaton,	*Boston,*	Apthorp 10.
Knight, Jesse, Jr.	*Cheyenne, Wyo.*	46A Dana St.
Knowles, John Appleton,	*Cohasset,*	Westmorly 37.
Knowlton, Daniel Waldo,	*W. Upton,*	Claverly 1.
Krumbhaar, Charles Hermann, Jr.	*Philadelphia, Pa.*	Apley 22.
Lacy, Burritt Samuel,	*Dubuque, Ia.*	P. 15.
Lang, Malcolm Burrage,	*Boston,*	8 Brimmer St., Boston.
Lawrence, Parker Vesie,	*Brooklyn, N. Y.*	Ware 30.
Leavitt, George Thomas Woodbury,	*Exeter, N.H.*	F. 9.
Lemont, Frank Harold,	*Waltham,*	23½ Wendell St.
Leonard, Edgar Welch,	*W. Newton,*	Dunster 40.
Leonard, George Marston,	*Springfield,*	28 Plympton St.
Leonard, John Calvert,	*Cambridge, Md.*	18 Prescott St.
Lewis, Edward Wellington, Jr.	*Washington, D.C.*	57 Museum St.
Lightner, Milton Turnley,	*Highland Park, Ill.*	T. 56.
Littig, Edward Clarence,	*Davenport, Ia.*	H'y 6.
Little, Amos Rogers, 2d,	*Boston,*	53 Dunster St.
Livermore, Philip Walton,	*Newport, R.I.*	9 Bow St.
Locke, Robert Wynter,	*Cambridge,*	H'y 14.
Lockwood, Dean Putnam,	*Chicago,*	Trinity 12.
Lord, James Couper,	*Tuxedo Park, N. Y.*	Randolph 54.
Loring, Charles Greely, Jr.	*Boston,*	H'y 22.
Loring, Charles Raymond,	*Newton,*	31 Holyoke St.
Loughead, Charles Butler,	*Charlestown,*	28 High St., Ch'stown.
Lovering, Joseph Swain,	*Boston,*	35 Bow St.
Lyman, Rollo Lu Verne, A.B. (*Beloit Coll.*) 1899,	*Pierre, So. Dak.*	12 Sumner St.
Lynch, Maurice Bernard,	*Boston,*	W. 14.
McCall, Sumner Thompson,	*Winchester,*	54 Dunster St.
McGilvrey, John Aloysius,	*Lawrence,*	C. 15.
McGlensey, Charles Edward,	*Philadelphia, Pa.*	Claverly 2.
McGrew, Dallas Dayton Lore,	*Cleveland, O.*	72 Mt. Auburn St.
MacKenzie, Kenneth Ferns, A.B. (*Dalhousie Coll.*) 1902,	*Truro, N S.*	P. 80.
McLane, Clinton Averill,	*Milford, N.H.*	Craigie 504.
McLaughlin, William Aloysius,	*Cambridge,*	84 Inman St.
Magrane, Robert William,	*Brooklyn, N. Y.*	T. 63.
Mahoney, John Joseph,	*Lawrence,*	C. 1.
Mailman, Guy William,	*Gloucester,*	W. 27.
Mann, Edward Forrester,	*Worcester,*	Fairfax 45.

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Mann, Merton Maughs, A.B. (*Fla. Agricult. Coll.*) 1901, S.B. (*Univ. of Chicago*) 1902,	*Plant City, Fla.*	23 Quincy St., Somer.
Marean, Parker Endicott,	*Cambridge,*	G. 48.
Mason, Herbert Warren,	*Boston,*	Claverly 39.
Mason, Parkman Tuckerman,	*Ossining, N. Y.*	P. 78.
Mather, Victor Charles,	*Philadelphia, Pa.*	Claverly 2.
May, Benjamin Foreman,	*Albany, N. Y.*	M. 42.
Miller, Stanley Rand,	*Hyde Park,*	54 Dunster St.
Minton, Henry Anthony,	*Dorchester,*	13 Sargent St., Dor.
Morris, Herbert Cameron,	*Cleveland, O.*	Craigie 102.
Muldoon, Christopher, Jr.	*Somerville,*	88 Concord Ave., Somer.
Muldoon, Edward Joseph,	*Dorchester,*	18 Bellflower St., Dor.
Munroe, Arthur James,	*Cambridge,*	W. 44.
Murphy, Foye Melvin,	*Portland, Me.*	82 Hammond St.
Nazro, Arthur Francis,	*Jamaica Plain,*	Wadsworth 5.
Nichols, Jesse Clyde, A.B. (*Univ. of Kansas*) 1902,	*Olathe, Kan.*	D. 4.
Noyes, Stephen Henley,	*Newport, R. I.*	Apthorp 3.
Olmsted, Charles Morgan,	*Buffalo, N. Y.*	S. 15.
Olney, Peter Butler, Jr.	*Lawrence, N. Y.*	M. 18.
O'Neil, Joseph Andrew Francis,	*So. Boston,*	45 W. 6th St., So. Boston.
Osgood, Edward Dana,	*Boston,*	Fairfax 15.
Page, Ralph Walter,	*Englewood, N. J.*	H'y 14.
Paige, Russell Colby,	*Taunton,*	Craigie 303.
Parson, Artley Beeber,	*Washington, D. C.*	H'y 7.
Patterson, James George,	*Marlboro,*	D. 23.
Peabody, Charles Livingston,	*Boston,*	P. 69.
Peabody, Francis Weld,	*Cambridge,*	Wadsworth 11.
Peabody, Julian Livingston,	*New York, N. Y.*	Apthorp 8.
Penhallow, Charles Sherburne, Jr.	*Jamaica Plain,*	24 Holyoke St.
Perkins, Carroll Livingston,	*Brookline,*	28 Plympton St.
Perkins, Perry Blaine, A.B. (*Univ. of New Brunswick*) 1902,	*Centreville, N. B.*	1709 Cambridge St.
Perry, Gardner Browne,	*Boston,*	Russell 17.
Perry, Thomas,	*Westerly, R. I.*	H'y 16.
Phemister, Norman Andrew,	*W. Medford,*	T. 37.
Phipps, Cadis,	*Boston,*	G. 4.
Pieper, Louis Peter,	*So. Boston,*	849 4th St., So. Boston.
Pier, Roy,	*Riverside, Cal.*	H'y 22.
Piper, William Bridge,	*Cambridge,*	H'y 4.
Pitkin, James Sherman,	*Boston,*	Dana 32.
Poland, Herbert Thomas,	*Roxbury,*	T. 14.

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Porter, John Ernest, A.B. (*Univ. of New Brunswick*) 1902,	*Caribou, Me.*	1709 Cambridge St.
Prescott, Otis Brooks,	*Newton,*	28 Plympton St.
Pulsifer, Lawson Valentine,	*New York, N. Y.*	28 Plympton St.
Putnam, George Washington, A.B., A.M. (*Grove City Coll.*) 1899,	*North East, Pa.*	64 Kirkland St.
Rathbun, Charles Stephen,	*Mt. Vernon, N. Y.*	12 Kirkland Pl.
Read, Conyers,	*Philadelphia, Pa.*	W. 22.
Reed, Laurence Bradford,	*Brockton,*	G. 47.
Rees, Byron Johnson,	*Fall River,*	153 Mt. Auburn St.
Renn, Walter Betz,	*Wellington, Kan.*	H'y 17.
Richards, Augustus Loring,	*So. Sherborn,*	G. 36.
Richards, Edwin Bradley,	*Marlboro,*	1132 Mass. Ave.
Richter, Theodore Bertram, A.B. (*Coll. of the City of New York*) 1902,	*New York, N. Y.*	1750 Cambridge St.
Riggs, Francis Behn,	*New York, N. Y.*	Apthorp 4.
Riker, Herbert Laurence,	*New York, N. Y.*	Claverly 1.
Roberts, Ernest Bemis,	*Cambridge,*	6 Holyoke Pl.
Roberts, Thornton Delano,	*Highland, N. Y.*	Hampden 38.
Robinson, Phillips Brooks,	*Boston,*	Fairfax 22.
Rockwell, William Milton,	*Fitchburg,*	Craigie 501.
Rotch, Arthur Grinnell,	*New Bedford,*	Russell 11.
Ruhl, William Theodore,	*Brookline,*	24 Holyoke St.
Ryder, George Burrell,	*Middleboro,*	H'ke 13.
Sabine, Paul Earls, A.B. (*McKendree Coll.*) 1899,	*Murphysboro, Ill.*	378 Harvard St.
Saint Gaudens, Homer,	*Windsor, Vt.*	Craigie 206.
Sayles, Robert Wilcox,	*Pawtucket, R.I.*	397 Marlboro St., Boston.
Schefer, Anton Henry,	*New York, N. Y.*	Claverly 27.
Scheffy, Clinton Cyrus,	*Pennsburg, Pa.*	H'y 16.
Scott, Frank Arthur,	*Cambridge,*	C. 30.
Scovell, Clinton Homer,	*Manchester, N. H.*	G. 45.
Sears, Jonathan Thacher,	*Melrose,*	Craigie 201.
Sears, Thomas Warren,	*Brookline,*	Little's 23.
Sedgwick, Robert, Jr.	*New York, N. Y.*	Randolph 34.
Sedman, John Ellis,	*Missoula, Mont.*	Read's 20.
Senior, Robert Michael,	*Cincinnati, O.*	M. 34.
Severance, Evelyn Kendall,	*Brattleboro, Vt.*	H. 17.
Shannon, Harris Cooper,	*Wakeman, O.*	58 Hammond St.
Smith, Edward Nichols,	*Buffalo, N. Y.*	Dunster 43.
Smith, Herbert Orlando,	*Portland, Me.*	1134 Mass. Ave.
Smith, Melville Henry,	*Andover,*	Craigie 205.

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Smith, Sibley Cosslett,	*Rochester, N. Y.*	Russell 18.
South, George Washington, 3d,	*Berwyn, Pa.*	Fairfax 23.
Souther, John Glendon,	*Jamaica Plain,*	Apthorp 6.
Southworth, Alva Tisdale,	*Holbrook,*	G. 13.
Spooner, Lesley Hinckley,	*Hingham,*	T. 37.
Stanwood, Philip Caldwell,	*Boston,*	Dana 35.
Stevens, Ernest Nichols,	*Bridgton, Me.*	T. 51.
Stevenson, George Stanley, Jr.	*Clinton, Me.*	H. 19.
Stiles, Harold, PH.B. (*Kenyon Coll.*) 1896, A.M. (*ibid.*) 1899,	*Cambridge,*	19 Mellen St.
Stillman, Alfred, 2d,	*Brooklyn, N. Y.*	Russell 5.
Stone, Malcolm Bowditch,	*Boston,*	Claverly 1.
Stork, Charles Wharton, A.B. (*Haverford Coll.*) 1902,	*Germantown, Pa.*	W. H. 28.
Story, Isaac Franklin,	*Somerville,*	C't 7.
Stratton, Charles Edward,	*Cambridge,*	24 Linnaean St.
Straus, Herbert Nathan,	*New York, N. Y.*	Beck 26.
Strauss, Mortimer Isaac,	*Cleveland, O.*	C't 11.
Strout, Paul Foster,	*Brooklyn, N. Y.*	5 Arnold Circle.
Sugden, Walter Smith,	*Amsterdam, N. Y.*	Read's 28.
Swarts, Louis Emanuel,	*New York, N. Y.*	69½ Mt. Auburn St.
Swift, Elijah,	*Boston,*	Craigie 501.
Taylor, Graham Romeyn,	*Chicago, Ill.*	G. 37.
Tenney, Nathaniel Lewis,	*Brookline,*	Read's 1.
Thomas, Ralph Bell,	*Ogdensburg, N. Y.*	61 Gorham St.
Thomas, Thomas Head,	*Chicago, Ill.*	68 Mt. Auburn St.
Thompson, Alexander Mackenzie, A.M. (*Queen's Univ.*) 1902,	*Sarnia, Ont.*	68 Wendell St.
Thompson, Thomas Jefferson,	*Webster,*	421 Broadway.
Thompson, William Erwin,	*Bryantville,*	37 Walker St.
Thornton, Albert Parmelee,	*New Bedford,*	Apthorp 12.
Thurman, Samuel,	*E. Boston,*	D. 33.
Tilley, George Stephen, A.B. (*Bucknell Univ.*) 1899,	*Hyde Park,*	61 Oak St., Hyde Park.
Tomlinson, James Ellis,	*Roxbury,*	S. 3.
Tower, Walter Sheldon,	*W. Bridgewater,*	C. 51.
Tuckerman, Wolcott,	*Washington, D.C.*	Claverly 17.
Tuckerman, Walter Rupert,	*Washington, D.C.*	Claverly 17.
Tufts, Irving Elting,	*Exeter, N.H.*	T. 61.
Vaughan, Clement Leslie, A.B. (*Acadia Coll.*) 1898,	*Sheffield Mills, N.S.*	31 Pleasant St.
Veazey, Isaac Parker, Jr.	*Great Falls, Mont.*	41 Holyoke St.
Walker, Clifford Hall,	*Cambridge,*	155 Western Ave.

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Wallace, Gilbert Raymond,	*Brooklyn, N. Y.*	Craigie 501.
Waller, Stewart,	*New York, N. Y.*	Randolph 14.
Walsh, Homan Watson,	*Charlottesville, Va.*	H. 14.
Ward, Howard Ridgely,	*New York, N. Y.*	33 Bow St.
Ward, Lauriston,	*Winnetka, Ill.*	H'y 18.
Ware, Thornton Marshall,	*Fitchburg,*	1572 Mass. Ave.
Warner, Hoyt Landon,	*Cleveland, O.*	H. 32.
Warner, Langdon,	*Cambridge,*	Wadsworth 13.
Wellman, Roderic,	*New York, N. Y.*	Claverly 11.
Wendell, Mark Thaxter,	*Jamaica Plain,*	35 Greenough Ave., Jam. Pl.
West, Robert Kirby,	*Walton, Ky.*	Hampden 48.
Weyman, Edward Colpitts, A.B. (*Univ. of New Brunswick*) 1902,	*Apohaqui, N. B.*	1709 Cambridge St.
White, Joseph Lowell,	*New York, N. Y.*	20 Holyoke St.
Whitehill, Walter Muir,	*No. Attleboro,*	C. 10.
Whiting, Creighton Worswick,	*Holyoke,*	T. 50.
Whiting, Edward Clark,	*Berkshire,*	G. 48.
Whittemore, George Albin,	*Somerville,*	C. 26.
Whitwell, William Scollay, Jr.	*New York, N. Y.*	Apthorp 7.
Wiggin, Ralph Greenleaf,	*Roxbury,*	Craigie 504.
Wight, Robert Franklin,	*Roxbury,*	Dana 41.
Willard, James Lovell,	*Dorchester,*	T. 55.
Williams, Harold Putnam,	*Brookline,*	Dana 21.
Williams, John Daniel,	*Ashmont,*	M. 37.
Williams, John Peabody,	*Buffalo, N. Y.*	Apthorp 11.
Wilson, Howard Barrett,	*Cambridge,*	16 Lee St.
Winsor, Kennard,	*Brookline,*	Randolph 54.
Wolcott, Samuel Huntington,	*Readville,*	Claverly 29.
Wolcott, William Prescott,	*Milton,*	Claverly 39.
Wood, Russell Abner,	*Cambridge,*	Wadsworth 7.
Woodside, Charles Clinton, A.B. (*Bishop's Coll.*) 1898,	*Worcester,*	83 Hammond St.
Wormelle, Fred Curtis,	*Brighton,*	H. 16.
Wright, Cushing Frederic,	*St. Paul, Minn.*	Fairfax 29.

JUNIOR CLASS.

Abbot, Edwin Hale, Jr.	*Cambridge,*	M. 47.
Acosta, Ricardo Miguel,	*New York, N. Y.*	Claverly 22.
Alexander, Rob Roy,	*Minerva, O.*	T. 38.
Allee, George Matthews, A.B. (*Cornell Coll.*) 1901,	*Newell, Ia.*	78 Oxford St.

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Allen, Paul Hastings,	*Boston*,	Fairfax 34.
Allen, William Goodwin Russell,	*Boston*,	Ware 53.
Andrews, Charles Edgar, Jr.	*New Bethlehem, Pa.*	W. 33.
Angelis, Pascal de,	*Utica, N. Y.*	100 Mt. Auburn St.
Anshutz, John Philip,	*Cincinnati, O.*	12 Day St.
Atwood, Irving Morrill,	*Dorchester*,	Dana 36.
Auten, Edward, Jr.	*Princeville, Ill.*	G. 46.
Badt, William,	*Brewster, N. Y.*	1709 Cambridge St.
Baird, Alvin Voris,	*Akron, O.*	52 Plympton St.
Baker, Emerson Woods,	*Fitchburg*,	Hampden 45.
Ballantine, Arthur Atwood,	*Springfield*,	Ware 11.
Ballard, Harlan Hoge, Jr.	*Pittsfield*,	G. 49.
Barber, Robert Forrest,	*Brooklyn, N. Y.*	S. 32.
Barnes, Cecil,	*Chicago, Ill.*	Little's 9.
Barr, William George,	*San Francisco, Cal.*	1172 Mass. Ave.
Barstow, Francis Vinal,	*Brookline*,	D. 31.
Bartlett, Hugh,	*Chicago, Ill.*	T. 55.
Beal, Thomas Prince, Jr.	*Boston*,	Westmorly 25.
Beals, Elton Holmes,	*Bridgewater*,	C. 48.
Belcher, Arthur William,	*Plymouth*,	P. 56.
Belding, Anson Wood,	*Troy, N. Y.*	42 Kirkland St.
Bell, William Harris Laird,	*Winona, Minn.*	Craigie 402.
Bennett, Avery Lowell,	*Wollaston*,	S. 14.
Bennett, Holland,	*Cambridge*,	G. 22.
Bennett, Harold Hotchkiss,	*Portsmouth, N. H.*	Westmorly 136.
Benson, Edwin Francis, A.B. (*Boston Coll.*) 1902,	*Boston*,	15 Sharon St., Boston.
Bergson, Harry,	*Dorchester*,	19 Longfellow St., Dor.
Bernstein, Harry Saul,	*Boston*,	1709 Cambridge St.
Bernstein, Leicester Theodore,	*Boston*,	Little's 1.
Berry, Harold Hail,	*Dorchester*,	Randolph 39.
Berry, Stanley Austin,	*Providence, R. I.*	C't 30.
Berry, William Eugene, A.B. (*Penn Coll.*) 1900, A.M. (*ibid.*) 1901,	*Oskaloosa, Ia.*	16 Athens St.
Bertolet, Wellington Maybeury,	*Reading, Pa.*	W. H. 38.
Bird, Francis William,	*E. Walpole*,	Claverly 9.
Blagden, Thomas,	*New York, N. Y.*	Claverly 38.
Blagden, Wendell Phillips,	*New York, N. Y.*	Claverly 43.
Blanchard, Arthur Franklin,	*Cambridge*,	159 Upland R'd.
Boardman, Eliot,	*Salem*,	49 Oxford St.
Bond, Henry Herrick,	*Waltham*,	M. 60.
Bourne, Richard Carleton,	*Cleveland, O.*	Ware 45.
Bourne, Ralph Wilson,	*Bourne*,	T. 22.

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Boutell, Roger Sherman Gates,	*Chicago, Ill.*	469 Broadway.
Bowen, John Thomas, A.B. (*Emory Coll.*) 1899,	*Five Points, Ala.*	1686 Cambridge St.
Bowie, Walter Russell,	*Richmond, Va.*	H'y 7.
Bradley, Charles Burnet,	*Newark, N.J.*	Claverly 30.
Brandyce, Henry Dormitzer,	*New York, N. Y.*	G. 21.
Brennan, Thomas Francis, Jr.	*E. Dedham,*	W. H. 61.
Bridgman, Percy Williams,	*Auburndale,*	T. 43.
Brinsmade, Frederick Gunn,	*Washington, Conn.*	G. 28.
Brodeur, Edward Alfred,	*Barre,*	C. 48.
Brown, Francis,	*Salem,*	M. 31.
Brown, Herman La Rue,	*Louisville, Ky.*	Craigie 502.
Brown, Lathrop,	*New York, N. Y.*	Westmorly 27.
Bryant, Edward Solon,	*Somerville,*	98 Belmont St., Somer.
Burgess, James Atwood,	*Boston,*	H. 8.
Burke, Joseph Ambrose,	*Boston,*	H. 23.
Burnham, Enoch Lewis,	*Berwyn, Pa.*	Drayton 11.
Burnham, William Appleton, Jr.	*Boston,*	Claverly 43.
Bush, Stanley Theodore,	*So. Lincoln,*	10 Ashton Pl.
Carlton, Lawrence Fenno,	*Dorchester,*	31 Holyoke St.
Carpenter, Leonard,	*Colorado Springs, Colo.*	Little's 9.
Carr, Laurence Proctor,	*Cambridge,*	18 Shepard St.
Carr, Proctor,	*Andover, N.H.*	G. 38.
Catlett, Fred Wayne,	*Wellsville, O.*	T. 48.
Chadwick, Elbridge Gerry,	*Boston,*	Claverly 43.
Chapin, Harold Canning,	*Cambridge,*	97 Lake View Ave.
Chard, Walter Goodman,	*Buffalo, N. Y.*	Randolph 5.
Chudoba, Frank Alfred,	*Cleveland, O.*	C. 3.
Clarke, George Harrison,	*Ayer,*	1750 Cambridge St.
Clothier, William Jackson,	*Wynnewood, Pa.*	Randolph 6.
Cobb, Henry Ives, Jr.	*New York, N. Y.*	Russell 22.
Cobb, Lyon,	*Boise, Idaho,*	Dunster 35.
Cogswell, Willard Goodrich,	*Haverhill,*	312 Washington St., Haverhill.
Cole, Edward Packard,	*Watertown,*	S. 10.
Cole, George Euart,	*Roxbury,*	813 Parker St., Rox.
Collins, Fred Lewis,	*Lawrence,*	Hampden 16.
Conant, William Francis,	*Littleton,*	P. 39.
Cook, Stanley Edward,	*Roxbury,*	M. 28.
Cook, William Hathaway,	*Laconia, N.H.*	10 Appian Way.
Counihan, Edward Augustine, Jr.	*Cambridge,*	400 Cambridge St.
Crosbie, Laurence Murray,	*Salem, Ia.*	42 Kirkland St.
Cunningham, George Clarendon,	*Brookline,*	44 Brattle St.
Damon, Arthur Herbert,	*Melrose,*	Little's 17.

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Dana, Payson,	*Brookline,*	Hampden 44.
Daniels, John,	*Grafton, Vt.*	16 Oxford St.
Danielson, Whitman,	*Putnam, Conn.*	W. H. 53.
Davenport, John Coolidge,	*Watertown,*	G. 20.
Davidson, Herbert Coolidge,	*Watertown,*	Fairfax 20.
Davis, Ephraim Rees,	*Samaria, Idaho,*	16 Howland St.
Davis, Holyoke,	*St. Paul, Minn.*	H'y 8.
Davis, Livingston,	*Boston,*	35 Bow St.
Demoss, Earl Cannon,	*Neodesha, Kan.*	P. 81.
DeWolfe, James Morton,	*Melrose,*	W. 16.
Dill, Colby,	*Newton Centre,*	M. 39.
Dodge, Lawrence Green,	*Kensington, N.H.*	W. 16.
Doe, Albert Prescott,	*Exeter, N.H.*	86 Chandler St., W. Somer.
Dolley, Gilman Corson,	*Philadelphia, Pa.*	Craigie 206.
Donald, Gordon,	*Boston,*	Russell 20.
Doolittle, Charles Andrews, Jr.	*Utica, N.Y.*	5 Linden St.
Dosch, Arno Walter,	*Portland, Ore.*	44 Mt. Auburn St.
Doyle, Louis Carr,	*Somerville,*	29 Berkeley St., Somer.
Drinkwater, William,	*Andover,*	M. 50.
Durfee, Edgar Noble,	*Detroit, Mich.*	54 Garden St.
Durfee, Walter Chaloner, 2d,	*Jamaica Plain,*	G. 42.
Dyer, Elbert Henry,	*Framingham,*	Hampden 16.
Eaton, Henry Taft,	*Concord,*	Concord.
Ellison, George Robb,	*Maryville, Mo.*	Ware 10.
Estes, Philip Sidney,	*Brookline,*	Ware 24.
Ewing, Albert Harrison,	*Walton, N.Y.*	3 Sumner St.
Fairchild, Gordon,	*Newport, R.I.*	Claverly 43.
Farnum, Walter Willis,	*Brockton,*	C. 39.
Feld, Nicholas,	*Vicksburg, Miss.*	M. 42.
Ferry, Robert Phillips,	*Milwaukee, Wis.*	H. 20.
Ficke, Arthur Davison,	*Davenport, Ia.*	T. 28.
Field, Elias,	*Boston,*	H. 31.
Fisher, Harold Wilson,	*Indianapolis, Ind.*	73 Dana St.
Fisher, William Wilson,	*New York, N.Y.*	73 Dana St.
Fitzpatrick, Thomas Martin,	*Brookline,*	W. 36.
Flanagan, Arthur Bowers,	*Cambridge,*	22 Mt. Pleasant St.
Fletcher, Charles Shattuck,	*Worcester,*	20 Prescott St.
Fletcher, Edward Holmes,	*Cambridge,*	1529 Cambridge St.
Fliegelman, David,	*Walpole,*	260 Western Ave.
Fobes, Francis Howard,	*Lexington,*	G. 32.
Ford, Francis Joseph William,	*So. Boston,*	206 W. 3d St., So. Boston.
Foster, Reginald,	*Baltimore, Md.*	W. 33.
Fox, Milton George,	*Cincinnati, O.*	Trinity 8.

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French, John Robert Putnam,	*Roxbury*,	69 Waverley St., Rox.
Frost, George Dexter,	*Newton Centre*,	106 Pleasant St., Newton Centre.
Furman, Erwin Hanford,	*New York, N. Y.*	Prescott 10.
Furness, Douglas Lyle,	*Salem*,	M. 31.
Gadsby, John Francis,	*Cambridge*,	22 Bristol St.
Galbreath, Thomas Crawford, A.B. (*Western Maryland Coll.*) 1895, A.M. (*ibid.*) 1898,	*The Rocks, Md.*	58 Kirkland St.
Gano, John Vallette,	*Cincinnati, O.*	T. 27.
Gardiner, Robert Hallowell, Jr.	*Gardiner, Me.*	Russell 8.
Gardner, John Edward,	*Exeter, N. H.*	Craigie 502.
Garrett, Julian,	*Winchester*,	H'ke 10.
Gibson, Kirkland Hopkins,	*Boston*,	Ware 24.
Goldsmith, Morton Ralph,	*Cleveland, O.*	W. H. 19.
Goodhue, Albert,	*Salem*,	Russell 9.
Granger, Lucius Dwight,	*Randolph*,	C. 16.
Grant, Warren Parsons,	*Taunton*,	H'ke 34.
Greene, Robert Francis,	*Lawrence*,	G. 40.
Greenfield, George Sidney,	*New York, N. Y.*	68 Mt. Auburn St.
Greenough, Carroll,	*New York, N. Y.*	44 Brattle St.
Greenwood, Burt Whitman,	*Worcester*,	W. 9.
Griffin, Roger Castle,	*Woodstock, Vt.*	M. 59.
Gunn, William King,	*Roxbury*,	H. 9.
Hague, William,	*New York, N. Y.*	Russell 20.
Hahn, Milton,	*Washington, D. C.*	C't 11.
Hall, Francis Marcus,	*Cambridge*,	44 Dana St.
Hall, William Morton,	*Cambridge*,	44 Dana St.
Hallett, Ralph Hubbard,	*So. Boston*,	H. 25.
Hambleton, Chalkley Jay,	*Chicago, Ill.*	Dana 31.
Hamilton, Walter,	*Harristown, Ill.*	28 Wendell St.
Hammond, Harold Wilson,	*Boston*,	M. 1.
Hanford, Parmly,	*New York, N. Y.*	Randolph 52.
Harris, Charles Warner,	*Roxbury*,	S. 1.
Harrison, Learner Blackman, Jr.	*Cincinnati, O.*	Hampden 4.
Hart, Merwin Kimball,	*Utica, N. Y.*	Craigie 402.
Hawes, Charles Tuell,	*Fall River*,	Hampden 47.
Hayes, Lloyd Benjamin,	*Boston*,	11 Story St.
Hazard, John Henry,	*Melrose Highlands*,	S. 1.
Heald, David,	*Watertown*,	9 Franklin St., Watertown.
Heath, Charles Pliny,	*Wakefield*,	M. 21.
Heizmann, William Albert,	*Southern Pines, N. C.*	W. H. 38.
Helburn, Julian Willard,	*Boston*,	Trinity 10.
Henshaw, Richard Townsend,	*New York, N. Y.*	T. 59.

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Higgins, Harry Bertram,	*Newburyport,*	Craigie 105.
Hill, Lester Seneca, Jr.	*Providence, R.I.*	T. 5.
Hill, Walter Newell,	*Jamaica Plain,*	Little's 12.
Holden, Guerdon Stearns,	*Cleveland, O.*	Ware 20.
Holdsworth, Fred,	*Fall River,*	T. 17.
Holt, Roscoe Thorne,	*Portland, Me.*	Ware 23.
Horkheimer, Berthold Sinn,	*Wheeling, W. Va.*	W. H. 18.
Horton, John Benjamin,	*Topeka, Kan.*	26 Mellen St.
Houston, Gordon David,	*Cambridge,*	105 Inman St.
Howe, Carl Haynes,	*Lancaster, N.H.*	C. 19.
Hughes, Howard DeHart,	*Seattle, Wash.*	27 Holyoke St.
Hughes, James Maurice,	*Saugus,*	P. 12.
Hull, Reginald Mott,	*Cambridge,*	48 Concord Ave.
Hunt, Anthony,	*Chicago, Ill.*	H. 3.
Hunter, John Merritt,	*Warren, Pa.*	C't 3.
Hunter, William Hammett,	*E. Boston,*	82 W. Eagle St., E. Boston.
Hunting, David Merritt,	*Salem,*	T. 57.
Huse, Charles Phillips,	*Springfield,*	P. 50.
Hutchinson, Henry Sheafe,	*Philadelphia, Pa.*	Randolph 62.
Hutchinson, John Bonner,	*Cambridge,*	M. 32.
Ingalls, Fay,	*Cincinnati, O.*	Beck 45.
Ivy, Malcolm Hyde,	*Newton,*	28 Holyoke St.
Jackson, James,	*Boston,*	Claverly 26.
Johnson, Edwin Clifford,	*New Dorchester,*	H. 25.
Johnson, Frederick Harrison,	*Byfield,*	F. 12.
Johnston, Francis Wayland,	*Jamaica Plain,*	28 Pond St.,Jam.Pl.
Jones, Harold Marshall,	*Cambridge,*	16 Oxford St.
Kangisser, Harry,	*Cleveland, O.*	H. 18.
Kaufmann, Charles Chester,	*Pittsburg, Pa.*	Little's 1.
Kelso, Robert Wilson,	*Peoria, Ill.*	M. 27.
Kendall, Alexander,	*Cambridge,*	58 Mt. Auburn St.
Keniston, Ralph Hayward,	*Somerville,*	55 School St., Somer.
Kenyon, George,	*Brooklyn, N.Y.*	Ware 21.
Keough, William Cullen,	*Holyoke,*	1673 Cambridge St.
Kerans, Edward Clement,	*Danvers,*	M. 49.
Kibbey, Richards Carroll,	*Marshalltown, Ia.*	Fairfax 14.
Kidder, Henry Maynard,	*Orange, N.J.*	56 Mt. Auburn St.
King, Mitchell, A.B. (*Univ. of Georgia*) 1902,	*Atlanta, Ga.*	Russell 26.
King, Moses, Jr.	*Newton,*	55 Trowbridge St.
Klein, Sidney Alexander,	*Cincinnati, O.*	W. H. 27.
Knowlton, Harold,	*W. Upton,*	Randolph 5.
Kracke, Edward Augustus,	*Brooklyn, N.Y.*	M. 30.

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Krumbhaar, Edward Bell,	*Philadelphia, Pa.*	Claverly 12.
Lakeman, Curtis Edmunds,	*Ipswich,*	H. 20.
Lane, Charles Chester,	*Hingham,*	H. 10.
Lane, Robert,	*Weston,*	Claverly 12.
Lawrence, Charles Henry, Jr.	*Evanston, Ill.*	68 Mt. Auburn St.
Lazarus, Eldon Spencer, A.B. (*Tulane Univ.*) 1902,	*New Orleans, La.*	42 Kirkland St.
Leake, James Payton,	*Sedalia, Mo.*	H'y 21.
Lee, John Williamson,	*New York, N. Y.*	Claverly 12.
Legh, Sydney Cornwall,	*Cambridge,*	Felton 31.
Lemann, Montefiore Mordecai, A.B. (*Tulane Univ.*) 1902,	*New Orleans, La.*	381 Harvard St.
Lewis, Kenneth Burnham,	*Wollaston,*	S. 13.
Lewis, Paul Murray,	*Waltham,*	153 Mt. Auburn St.
Libby, Herbert Carlyle,	*Waterville, Me.*	C't 24.
Lincoln, Daniel Waldo,	*Worcester,*	42 Mt. Auburn St.
Lippincott, Isaac,	*St. Louis, Mo.*	17 Putnam Ave.
Little, Harry Britton,	*Brookline,*	Dana 33.
Lloyd, Demarest,	*Winnetka, Ill.*	Hampden 43.
Locke, Augustus,	*No. Adams,*	P. 66.
Lorillard, Pierre, 3d,	*Tuxedo, N. Y.*	Randolph 9.
Lothrop, Oliver Ames,	*Cambridge,*	1654 Mass. Ave.
Lovejoy, Charles Foster,	*Lynn,*	W. H. 17.
Lowery, Jenner,	*Utica, N. Y.*	5 Linden St.
Lubin, Simon Julius,	*New York, N. Y.*	C't 29.
Lunt, Dwight Smith,	*Roxbury,*	T. 9.
Lynn, Ross Watt,	*Chicago, Ill.*	P. 58.
McCabe, David Aloysius,	*No. Attleboro,*	C. 45.
McCarthy, Eugene Ross,	*Auburn, N. Y.*	H'ke 34.
McGaragle, Joseph Wellington,	*Cambridge,*	17 Ware St.
McKendrick, Norman Shaw,	*Brockton,*	C. 55.
Macomber, Frank Gair, Jr.	*Boston,*	37 Bow St.
Manning, Daniel Cecil,	*Peabody,*	M. 49.
Manning, Robert Franklin,	*Brooklyn, N. Y.*	Russell 14.
Manson, Vance Story,	*New York, N. Y.*	Russell 14.
Marion, James Willis Johnson,	*Allston,*	G. 50.
Marsalis, Thomas Lafayette, Jr.	*New York, N. Y.*	Claverly 6.
Marsh, Clarence Edward,	*Melrose,*	15 Cass St., Melrose.
Marshall, Carl Bertrand,	*Brookline,*	Hampden 44.
Marshall, Henry Place,	*Brooklyn, N. Y.*	Ware 19.
Mason, Henry Topliff,	*Cambridge,*	385 Washington St.
May, Ralph,	*Portsmouth, N. H.*	56 Mt. Auburn St.
Maynard, Benjamin Moodie,	*Boston,*	H'ke 4.

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Meier, Theodore Gerard, 2d,	*New York, N. Y.*	Little's 12.
Merrill, Walter Stanley,	*Rockland,*	Westmorly 26.
Merritt, Edmund Winchester, Jr.	*Bridgewater,*	H. 22.
Metcalf, Thomas Newell,	*Chicago, Ill.*	S. 9.
Meyer, Harold Alton,	*Quincy,*	M. 22.
Miller, Bertram Adolphus,	*Milwaukee, Wis.*	M. 14.
Miller, Hoyt,	*New York, N. Y.*	Quincy 1.
Miller, Theodore Hathaway,	*Middleboro,*	H'ke 13.
Millet, Ralph Turner,	*Brockton,*	W. H. 41.
Minturn, Hugh,	*New York, N. Y.*	Claverly 43.
Montén, William Andrew,	*Fargo, N.D.*	21 Summer St.
Moore, MacAllaster,	*Washington, D.C.*	20 Prescott St.
Moseley, Benjamin Perley Poore,	*Newburyport,*	Claverly 18.
Mosenfelder, Simon,	*Rock Island, Ill.*	M. 38.
Motley, Warren,	*Boston,*	Claverly 12.
Murphy, Carroll Dean,	*Mt. Vernon, O.*	109 Museum St.
Murphy, Thomas Francis,	*Cambridge,*	17 Day St.
Murray, William Francis, Jr.	*Charlestown,*	H. 29.
Nelligan, Peter Joseph,	*Cambridge,*	20 Fairfield St.
Nelson, William Henry,	*E. Boston,*	208 Princeton St., E. Boston.
Nickerson, Henry Cobb,	*W. Newton,*	Hampden 19.
Nottage, Winthrop Irving,	*W. Medford,*	S. 28.
Oakes, Prescott,	*Concord,*	Claverly 38.
Osborne, Algernon Ashburner,	*Newark, N.J.*	Little's 16.
Osgood, Frederick Hay,	*W. Roxbury,*	T. 14.
Osgood, Phillips Endecott,	*No. Attleboro,*	P. 24.
Otis, George Thomas,	*Chicago, Ill.*	W. 41.
Otis, Harold,	*Brooklyn, N. Y.*	H. 8.
Outland, Claude Melnotte,	*Anamosa, Ia.*	47A Wendell St.
Palmer, Joel Clyde Romaine,	*Andover,*	S. 28.
Parker, Henry Seabury,	*Cambridge,*	86 Buckingham St.
Parkin, Harry Dravo,	*New Kensington, Pa.*	Ware 35.
Peabody, Harold,	*Boston,*	Claverly 41.
Peabody, Robert Manning,	*St. Louis, Mo.*	W. 4.
Peacock, William,	*Westfield, N. Y.*	44 Brattle St.
Peck, Laurence Freeman,	*New York, N. Y.*	Randolph 59.
Pennell, William Arthur,	*No. Cambridge,*	29 Blake St.
Percival, Lawrence French,	*Boston,*	Dunster 17.
Pereles, Nathan, Jr.	*Milwaukee, Wis.*	W. 42.
Perine, Fred Agens, S.B. (*Albion Coll.*) 1898,	*Albion, Mich.*	30 Mt. Auburn St.
Perkins, Charles Elliott, Jr.	*Burlington, Ia.*	Claverly 49.
Perkins, Mahlon Fay,	*Newton Highlands,*	P. 50.

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Perrin, Jess Goddard,	*Thorntown, Ind.*	22 Mt. Auburn St.
Petersen, Edwin Dulon,	*Davenport, Ia.*	Dunster 50.
Peterson, Abbot,	*Jamaica Plain,*	G. 20.
Phillips, Franklin Folsom, Jr.	*W. Somerville,*	M. 22.
Phillips, Harry Franklin,	*Boston,*	H. 29.
Phillips, Wilbur Carey,	*Cambridge,*	S. 19.
Pickhardt, Carl Emile,	*Islington,*	F. 13.
Pierce, Alvah Henry,	*Boston,*	402 Boylston St., Boston.
Pierce, Roger,	*Milton,*	35 Bow St.
Pike, Carleton Elbridge,	*Woburn,*	280 Montvale Ave., Woburn.
Plummer, Seney,	*New York, N. Y.*	Russell 6.
Porter, Eugene Lyman,	*Springfield,*	D. 31.
Post, Chandler Rathfon,	*Detroit, Mich.*	Beck 22.
Pratt, Mason Ross,	*Templeton,*	3 Sumner St.
Preetorius, Carl Philip,	*St. Louis, Mo.*	H. 11.
Preston, Herbert French,	*New Ipswich, N.H.*	W. 32.
Pritchard, Harold William,	*Newbury,*	Prescott 9.
Putman, Lansing Goodrich,	*Fonda, N. Y.*	C. 69.
Rabenold, Ellwood Milton,	*Reading, Pa.*	3 Sumner St.
Rankin, Henry Lamar,	*Atlanta, Ga.*	1697 Cambridge St.
Read, Harold Wilson,	*Cambridge,*	H'y 4.
Reed, Albert Franklin,	*Waltham,*	53 Rich St., Waltham.
Reuter, Louis Herbert,	*Dorchester,*	C. 16.
Rham, Henry Casimir de, Jr.	*New York, N. Y.*	Randolph 17.
Rice, Julian Anderson,	*Springfield,*	Beck 2.
Rich, Floyd Elmer,	*Winthrop,*	M. 12.
Richards, Joshua Merrill,	*Boston,*	52 Plympton St.
Rivers, Henry Fairbank,	*Petersham,*	56 Mt. Auburn St.
Rivinus, Francis Markoe,	*Philadelphia, Pa.*	W. 41.
Robbins, Hallet Rice,	*Manchester, N.H.*	C. 20.
Robeson, Andrew, Jr.	*Brookline,*	6 Holyoke Pl.
Robins, Kingman Nott,	*Rochester, N. Y.*	C't 9.
Robinson, Chester Haven,	*Dedham,*	Russell 9.
Robinson, Theodore Douglas,	*New York, N. Y.*	Claverly 12.
Rochefort, Walter Thomas,	*Lawrence,*	C. 28.
Roff, Allen Archiland,	*Cohoes, N. Y.*	Westmorly 26.
Rogers, John Jacob,	*Lowell,*	Randolph 37.
Roosevelt, Franklin Delano,	*Hyde Park, N. Y.*	Westmorly 27.
Rosenthal, Alexander,	*Boston,*	34 Parker St.
Ross, Louis,	*Cambridge,*	896 Mass. Ave.
Roughan, George Francis,	*Charlestown,*	Craigie 203.
Russell, Warren Locke,	*Arlington,*	1108 Mass. Ave., Arl'ton.
Rust, Edgar Carter,	*Boston,*	6 Holyoke Pl.

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Sachs, Walter Edward,	*New York, N. Y.*	W. 8.
Sadler, Roy Angelo,	*Milford,*	Craigie 201.
Schoenfuss, Frank Hermann,	*Jamaica Plain,*	84 Sheridan St., Jam. Pl.
Schoff, Leonard Hastings,	*Philadelphia, Pa.*	G. 30.
Schwab, Arthur,	*St. Louis, Mo.*	M. 13.
Schwarz, Herbert Ferlando,	*New York, N. Y.*	Westmorly 26.
Scott, Clement,	*Orange, N.J.*	24 Holyoke St.
Sebring, Harry Orvel,	*Sebring, O.*	W. H. 14.
Sheldon, Percy Ellsworth,	*Milton,*	M. 1.
Sherman, Arthur Brown,	*New Bedford,*	W. H. 3.
Sherman, Harry Bartlett,	*Fitchburg,*	W. H. 3.
Shields, Marion Leighton,	*St. Louis, Mo.*	Little's 17.
Silverman, Nathaniel Lawrence,	*Boston,*	12 Worcester Sq., Boston.
Skelley, Robert Douglas,	*Riverside, Cal.*	W. 36.
Smith, Augustus Henry,	*W. New Brighton, S.I., N. Y.*	473 Broadway.
Smith, Edward Converse,	*Concord, N.H.*	T. 22.
Smith, Kendall Kerfoot,	*Fall River,*	M. 54.
Smith, Walter Dennison,	*Pulaski, N. Y.*	30 Irving St.
Snow, George Palen,	*Tuxedo Park, N. Y.*	Claverly 32.
Snowman, Linwood Ervin,	*Somerville,*	32 Sewall St., Somer.
Souther, Tristam Burges,	*So. Orange, N.J.*	5 Linden St.
Staples, Philip Clayton,	*Charlestown,*	Craigie 105.
Stettinius, John Longworth, Jr.	*Cincinnati, O.*	Beck 47.
Stone, Edmund Cushing,	*Cape Vincent, N. Y.*	M. 60.
Stone, John Holden,	*Malden,*	P. 73.
Stone, James Locke,	*Worcester,*	G. 8.
Storer, Sidney Amos,	*Dorchester,*	16 Prescott St.
Stuart, Ruthven Whitewright,	*London, Eng.*	Quincy 3.
Sumner, Allen Melancthon, Jr.	*Boston,*	Beck 5.
Swan, Arthur Eugene, S.B. (*Mass. Inst. Tech.*) 1902,	*Roxbury,*	C't 40.
Swank, George L, A.B. (*Grove City Coll.*) 1901,	*Elysburg, Pa.*	1 Walker Terrace.
Swift, John Baker, Jr.	*Boston.*	Russell 8.
Switzer, James Eads,	*Chicago, Ill.*	20 Holyoke St.
Taber, Frederic Howland,	*New Bedford,*	Ware 49.
Taft, Edward Augustine, Jr.	*Boston,*	Randolph 62.
Taylor, Andrew Bryson,	*Washington, D.C.*	Randolph 31.
Templeton, Ernest Gilman,	*Exeter, N.H.*	G. 3.
Thacher, Hamilton,	*Boston,*	Randolph 1.
Thaxter, Sidney St. Felix,	*Portland, Me.*	Ware 49.
Thayer, Eugene Van Rensselaer, Jr.	*So. Lancaster,*	Claverly 26.
Thompson, William Henry, Jr.	*Winamac, Ind.*	Craigie 106.

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Thorndike, John Richard,	*Boston*,	Claverly 44.
Titcomb, William Caldwell,	*Augusta, Me.*	W. H. 21.
Toppan, Roland Lesley,	*Malden*,	Ware 7.
Torrey, James Harvey,	*Rockland*,	W. H. 41.
Tourian, Kevork Garabed,	*Rodasto, Turkey*,	44 Brattle St.
Trainer, Samuel Bancroft,	*Chester, Pa.*	Drayton 11.
Tsanoff, Vladimir Andrea,	*Samokov, Bulgaria*,	69½ Mt. Auburn St.
Tuckerman, Jacob Willard, Jr.	*Brookline*,	W. 10.
Tufts, William Lynam,	*Boston*,	T. 9.
Tyng, Arthur,	*Osaka, Japan*,	P. 29.
Usher, Abbott Payson,	*Grafton*,	H. 21.
Viaux, Frederic,	*Boston*,	M. 39.
Vinal, Eugene Robinson,	*Cambridge*,	13 Traymore St.
Vincent, Edward Clarence,	*Kalamazoo, Mich.*	P. 12.
Wadsworth, William David,	*New York, N. Y.*	Russell 6.
Wait, Arthur,	*W. Newton*,	28 Holyoke St.
Walker, Clarence Stevens,	*Malden*,	Craigie 502.
Walker, Irving James,	*Malden*,	P. 37.
Wallace, Roy Smith,	*Freeport, N. Y.*	T. 63.
Walsh, John Joseph,	*Roxbury*,	33 Sterling St., Rox.
Walton, Bartlett,	*Wakefield*,	M. 21.
Ware, Richard Cunningham,	*E. Milton*,	T. 41.
Warland, William Seaver,	*Cambridge*,	81 Brattle St.
Washburn, Kirk Norman, Jr.	*Springfield*,	17 Hurlbut St.
Weitzel, Robert Boland,	*Frankfort, Ky.*	W. 43.
Welldon, Samuel Alfred,	*Brooklyn, N. Y.*	H. 15.
Welsh, Herbert Stanley,	*Germantown, Pa.*	58 Mt. Auburn St.
Wertheimer, Joseph Jacob, Jr.	*St. Louis, Mo.*	G. 12.
Wescott, Harold Edward,	*Milford*,	Craigie 205.
Whitehead, Ralph Fogg,	*Dorchester*,	Ware 7.
Whiting, Royal Goodridge,	*Auburndale*,	31 Holyoke St.
Whittemore, William Stewart,	*Cambridge*,	36 Irving St.
Williams, Thomas Calvin,	*Rock Hill, S. C.*	59 Museum St.
Winston, Thomas Edward,	*E. Boston*,	199 Marion St., E. Boston.
Wire, George Lacy,	*Wilmington, O.*	W. 4.
Wolff, James Graham,	*Allston*,	36 Bayard St., Allston.
Wolff, Max William,	*Albany, N. Y.*	55 Trowbridge St.
Wright, Warren Mead,	*Watertown*,	Russell 15.
Zanetti, Carlos Alberto,	*New York, N. Y.*	Dunster 23.
Zehring, William Arthur, A.B. (*Otterbein Univ.*) 1898,	*Germantown, O.*	66 Wendell St.

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Abbot, John Moseley,	*Westford*,	Randolph 53.
Adams, James, Jr.	*Brookline*,	T. 52.
Adams, John Wash,	*Kansas City, Mo.*	1132 Mass. Ave.
Adams, Phineas Hillhouse,	*New York, N. Y.*	Beck 44.
Adams, Raymond Marston,	*Woburn*,	P. 64.
Aertsen, Guilliaem, Jr.	*Philadelphia, Pa.*	Westmorly 131.
Alden, Frederick Arthur,	*Cambridge*,	60 Gorham St.
Allter, Herbert Dod,	*St. Johnsville, N. Y.*	W. H. 59.
Almy, Thomas,	*Fall River*,	54 Dunster St.
Ammidon, Philip Russell,	*Cambridge*,	24 Beech St.
Annable, Charles Walter,	*Charlestown*,	49 Elm St., Ch's'n.
Atherton, Henry Francis,	*Nashua, N.H.*	M. 54.
Atherton, Ray,	*Brookline*,	Westmorly 144.
Ayres, Daniel Roe,	*Upper Montclair, N. J.*	5 Linden St.
Bachrach, Clarence Grover,	*Brooklyn, N. Y.*	65 Hammond St.
Bacon, Lester Manning,	*West Somerville*,	125 Orchard St., W.
Baer, William Goodell,	*Philadelphia, Pa.*	W. 22. [Somer.
Bailey, Fay Warren,	*So. Hanover*,	P. 8.
Baldwin, Roger Nash,	*Wellesley Hills*,	Dana 26.
Barker, Wallace Woodward,	*Springfield*,	6 Ashton Pl.
Barnard, Leon William,	*Sedalia, Mo.*	W. H. 39.
Barnes, Clarence Abram,	*Chattanooga, Tenn.*	49 Oxford St.
Baron, Morris,	*Boston*,	57 Wendell St.
Barry, Edmund Augustine,	*Lynn*,	1691 Cambridge St.
Bassett, Thomas Borden,	*Fall River*,	20 Holyoke St.
Baxter, Zadoc Crowell,	*Wellesley*,	Washington St., Wellesley.
Beale, Arthur Stanley,	*Roxbury*,	40 Irving St.
Bean, Howard Chase,	*Lowell*,	T. 15.
Bell, Edward,	*Southampton, L.I., N. Y.*	Randolph 29.
Bellamy, John Benton,	*New York, N. Y.*	53 Dunster St.
Bellamy, Winthrop,	*W. Newton*,	C. 52.
Belmont, August, Jr.	*Hempstead, L.I., N. Y.*	Randolph 17.
Benedict, Clyde Gordon,	*New York, N. Y.*	Ware 34.
Bennett, Andrew Edward,	*W. Boylston*,	1727 Cambridge St.
Bennett, Harold Whitman,	*Cambridge*,	G. 22.
Bergstresser, James Lamar,	*Mt. Carmel, Pa.*	41A Irving St.
Biddle, Moncure,	*Ardmore, Pa.*	Westmorly 104.
Bigelow, Cleveland,	*Cohasset*,	Westmorly 128.
Bigelow, Hosea Bradley,	*Columbus, O.*	Craigie 301.
Billings, Haskell Clark,	*New York, N. Y.*	Everett 25.
Bishop, Joseph Torrey,	*Newton Centre*,	Newton Centre.

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Bishop, Wilbert Arthur,	*Rowley*,	W. 12.
Black, Roy,	*Cleveland, O.*	W. H. 19.
Blake, Warren Barton,	*Philadelphia, Pa.*	W. 13.
Blakeslee, Robert Erastus,	*Brookline*,	T. 52.
Blanchard, Medbery,	*New York, N. Y.*	62 Brattle St.
Blanchet, Joseph Victor,	*Fall River*,	P. 71.
Blaxter, Henry Vaughan,	*Pittsburg, Pa.*	31 Bow St.
Bodfish, Clarence Smith,	*Cambridge*,	1527 Cambridge St.
Bolan, Harry Rich,	*Cambridge*,	Craigie 204.
Bollard, Ralph Herbert,	*Topeka, Kan.*	W. 26.
Bolton, Chester Castle,	*Cleveland, O.*	Westmorly 146.
Booth, Ernest Lazarus,	*E. Boston*,	160 Leyden St., E. Boston.
Bowditch, Harold,	*Jamaica Plain*,	S. 12.
Bowditch, John Perry,	*Framingham*,	Westmorly 126.
Boyden, George Herbert,	*Worcester*,	C. 67.
Braastad, Julius Norman,	*Ishpeming, Mich.*	1673 Cambridge St.
Bramhall, Otis Horton,	*Cambridge*,	46 Dana St.
Bramwell, Gerald Arthur,	*Flushing, N. Y.*	Randolph 62.
Brandon, John Victor Judah,	*Indianapolis, Ind.*	68 Mt. Auburn St.
Brannan, Dana,	*New York, N. Y.*	56 Plympton St.
Breese, Sydney Salisbury,	*New York, N. Y.*	Westmorly 121.
Brett, Henry, Jr.	*Calumet, Mich.*	W. 45.
Brigham, William Babcock,	*San Francisco, Cal.*	6 Holyoke Pl.
Brock, John William, Jr.	*Philadelphia, Pa.*	Westmorly 131.
Brooks, Alden,	*Andover*,	22 Mt. Auburn St.
Brooks, Gorham,	*Boston*,	Westmorly 31.
Brooks, James Hambleton,	*Chicago, Ill.*	5 Linden St.
Brown, Chester Holbrook,	*Cambridge*,	C't 5.
Brown, Edward Coggeshall,	*Newport, R. I.*	1653 Cambridge St.
Brownell, Clifford Auville,	*Fall River*,	25 Holyoke St.
Bruce, George Howard,	*Cambridge*,	45 Trowbridge St.
Bryant, Owen,	*Cohasset*,	56 Plympton St.
Bunting, William Morton, Jr.	*Boston*,	Westmorly 143.
Butterfield, Frederic Curtis,	*Arlington*,	32 Lake St., Arlington.
Cady, Walworth Campbell,	*Cambridge*,	17 Hurlbut St.
Candee, Frederick Lansdown,	*Wallace, Idaho*,	47 Brattle St.
Carpenter, Alfred St. Vrain,	*Col. Springs, Colo.*	Westmorly 143.
Carroll, Romeo Garnett,	*Washington, D. C.*	265 Prospect St.
Carstein, Gustav Emil,	*Cambridge*,	Drayton 16.
Carter, Roscoe Arnold,	*Highlandville*,	54 Dunster St.
Cary, Howard,	*New York, N. Y.*	Claverly 40.
Chandler, Charles Lyon,	*Brookline*,	G. 10.
Chase, Alfred Endicott,	*Lynn*,	28 Holyoke St.

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Chase, William Henry,	*Brookline*,	Everett 24.
Chesnutt, Edwin Jackson,	*Cleveland, O.*	P. 3.
Chick, William Converse,	*Boston*,	Ware 41.
Clapp, Clifford Blake,	*So. Boston*,	169 Boston St., So. Boston.
Clark, John Dudley,	*Boston*,	Claverly 1.
Clark, James Noble,	*Charlestown*,	18 Chestnut St., Ch's'n.
Clark, Wright,	*Red Oak, Ia.*	C't 4.
Clark, William Dexter,	*Randolph*,	G. 15.
Clarke, Herman Frederick,	*Brookline*,	Craigie 408.
Cleworth, Harold Bailey,	*Manchester, N. H.*	H'ke 40.
Clotfelter, Andy Lloyd,	*Kansas City, Kan.*	19 Irving St.
Clymer, George,	*Washington, D.C.*	Beck 43.
Cobb, Edmond Persons,	*Chicago, Ill.*	C. 32.
Cobb, William Everson,	*Newton Centre*,	T. 19.
Cohen, Louis Max,	*Macon, Georgia*,	P. 27.
Colby, Francis Thompson,	*Boston*,	52 Mt. Auburn St.
Coleman, William Caldwell,	*Louisville, Ky.*	Beck 3.
Collingwood, Morton,	*Plymouth*,	P. 56.
Collins, Harold Fisher,	*Walpole*,	H'ke 45.
Conant, Richard Keith,	*Gloucester*,	W. 27.
Conger, Omar Dwight,	*Washington, D.C.*	25 Holyoke St.
Coolidge, Philip Tripp,	*Watertown*,	H'ke 18.
Cooper, Louis Albion,	*Prairie du Sac, Wis.*	56 Mt. Auburn St.
Coryell, Harold Hedge,	*Cornwall, N. Y.*	P. 87.
Cox, Robert Hill,	*Plainfield, N. J.*	Westmorly 106.
Crocker, Alvah, Jr.	*Fitchburg*,	Westmorly 123.
Crocker, William Stoddard,	*Brookline*,	150 Cypress St., B'kline.
Crosbie, Paul Pembroke,	*Salem, Ia.*	42 Kirkland St.
Crosby, Harold Wheelock,	*Dorchester*,	Craigie 408.
Croston, Francis Augustin,	*Haverhill*,	33 Holyoke St.
Crothers, Bronson,	*Cambridge*,	20 Oxford St.
Cruger, Bertram de Neuilly,	*New York, N. Y.*	Claverly 32.
Cummings, John Henry,	*Cambridge*,	37 Langdon St.
Cunningham, Francis Edwin,	*Rochester, N. Y.*	5 Linden St.
Curley, Edmund Joseph,	*Dorchester*,	Randolph 33.
Curtin, John Joseph,	*Waltham*,	1 Pearl St., Waltham.
Curtis, Sidney,	*Brooklyn, N. Y.*	43 Larch Road.
Dall, Charles Whitney,	*Washington, D. C.*	Little's 11.
Damon, Theron Johnson,	*Concord*,	P. 6.
Daniels, Raymond Elkins,	*Chicago, Ill.*	Westmorly 136.
Daniels, Richard Holbrook,	*Boston*,	Quincy 9.
Dapping, William Osborne,	*Auburn, N. Y.*	Trinity 2.
Davenport, Henry,	*Brookline*,	Randolph 39.

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Davie, Preston,	*Louisville, Ky.*	Randolph 6.
Davis, Dudley,	*New York, N. Y.*	Randolph 53.
Davis, William Hawley,	*Frazer, Pa.*	19 Oxford St.
Dearborn, William Alvah,	*Boston,*	W. 37.
Deming, Harold Simpson,	*New York, N. Y.*	Dana 39.
Dennen, Ralph Waite,	*Waltham,*	G. 35.
Dennett, William Watson,	*Lowell,*	C. 23.
Denning, Frederic Joseph,	*South Boston,*	216 B'way, So. Boston.
Densmore, John Hopkins,	*Somerville,*	44 Porter St., Somer.
Derby, Arthur Lawrence,	*Boston,*	Westmorly 144.
Derby, Roger Alden,	*New York, N. Y.*	Westmorly 126.
Dewar, Duncan Henry,	*Roslindale,*	P. 76.
Dewing, Henry Franklin Cooledge,	*Revere,*	M. 5.
Dial, George White,	*Lockland, O.*	6 Ashton Pl.
Dick, Henry Mathew,	*Toledo, O.*	48 Brattle St.
Dickinson, Spencer Edward,	*Washington, D. C.*	Craigie 406.
Dietzman, Richard Priest,	*Louisville, Ky.*	C't 20.
Dillingham, Harold Garfield,	*Honolulu, H. T.*	Craigie 104.
Dillon, Clarence Lapowski,	*Abilene, Tex.*	M. 4.
Dodge, Charles Gerard,	*Boston,*	W. 38.
Doggett, Arthur Latham,	*South Boston,*	805 B'way, So. Boston.
Dore, John Francis, Jr.	*Seattle, Wash.*	M. 6.
Douglass, Haley George,	*Washington, D. C.*	C. 25.
Dowling, John Charles Leonard,	*Roxbury,*	318 Warren St., Rox.
Downs, Kenneth Erskine,	*Brookline,*	T. 44.
Duer, Leland Blodget,	*Baltimore, Md.*	Russell 25.
Duke, Charles Sumner,	*Pine Bluff, Ark.*	59 Museum St.
Durrell, Harold Clarke,	*Cambridge,*	17 Dana St.
Eaton, Oscar Seaburn,	*Bryan, O.*	68 Kirkland St.
Eddy, Lucius Junius,	*Fall River,*	Trinity 16.
Edson, Elie Charlier,	*New York, N. Y.*	65 Mt. Auburn St.
Edwards, Milton Arthur,	*Peru, Ind.*	M. 11.
Edwards, Newton,	*Boston,*	Beck 33.
Egan, Henry Chandler,	*Highland Park, Ill.*	Westmorly 136.
Egan, Walter Eugene,	*Lake Geneva, Wis.*	Dana 31.
Ehlermann, Carl, Jr.	*St. Louis, Mo.*	M. 45.
Elkins, William McIntire,	*Ashbourne, Pa.*	Westmorly 133.
Emmes, Louis Eugene,	*Boston,*	Ware 25.
Estabrook, Angus Davis,	*Cambridge,*	101 Washington Ave.
Evans, Frederick Noble,	*Youngstown, O.*	1673 Cambridge St.
Evans, George Fulerton,	*Youngstown, O.*	1673 Cambridge St.
Everett, Charles,	*Newton Centre,*	Hampden 15.
Faden, Andrew Franklin,	*Roxbury,*	15½ Walnut P'k, Rox.

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Farrar, Morton Wendell,	*London, O.*	54 Kirkland St.
Faulkner, Philip Handerson,	*Keene, N. H.*	Craigie 206.
Ferguson, Henry Gardiner,	*Hartford, Conn.*	H'y 8.
Field, Whitcomb,	*Milton,*	48 Mt. Auburn St.
Fischel, Ellis,	*St. Louis, Mo.*	W. 10.
Fish, Erland Frederick,	*Brookline,*	Hapgood 1.
Fitz, Daniel Chase,	*Salem,*	H'ke 24.
Fopiano, Albert Bartholomew,	*Cambridge,*	109 Antrim St.
Forbes, Alexander,	*Milton,*	Russell 24.
Forbes, Gerrit,	*Milton,*	Apley 4.
Ford, Edmond John,	*Lawrence,*	M. 15.
Ford, James,	*Clinton,*	T. 46.
Foster, Harry Littlefield,	*Cambridge,*	49 Garfield St.
Foster, Walter,	*Raleigh, N. C.*	1560 Cambridge St.
Fowle, Charles Warren,	*Woburn,*	T. 19.
Fowler, John Richard,	*Cambridge,*	Craigie 507.
Fox, Oscar Sam,	*Cincinnati, O.*	Trinity 8.
Frevert, Harry Louis,	*Dayton, O.*	H. 28.
Frost, Clifford Hamilton,	*Boston,*	6 Derne St., Boston.
Frost, Henry Atherton,	*Fitchburg,*	Everett 7.
Fuller, Gilbert Edmund,	*Springfield,*	T. 10.
Gale, Arthur Hosmer,	*Cambridge,*	31 Mellen.
Galey, John Lanman,	*Buffalo, N. Y.*	49 Wendell St.
Gammons, Herman,	*Bridgewater,*	C. 49.
Giduz, Hugo,	*Jamaica Plain,*	15 Danforth St., Jam. Pl.
Gifford, Walter Sherman,	*Salem,*	Hampden 14.
Gignoux, Reginald Messenger,	*Great Neck, L. I.*	Russell 22.
Gilman, Stephen Joseph,	*Everett,*	91 Broadway, Everett.
Goldthwaite, James Abram,	*Wellesley Hills,*	7 Otis St., Watertown.
Goodale, Francis Greenleaf,	*Cambridge,*	5 Berkeley St.
Gooding, Theodore,	*Boston,*	Dana 47.
Goodnow, Walter Strickland,	*Boston,*	Everett 53.
Gourlie, Lawrence,	*New York, N. Y.*	Randolph 1.
Grainger, William,	*New Bedford,*	C. 61.
Grant, Malcolm Mason,	*Worcester,*	Hampden 10.
Graustein, Archibald Robertson,	*Cambridge,*	19 Arlington St.
Graves, John Raynor,	*New York, N. Y.*	Ware 9.
Green, Merrill Holden,	*Jamaica Plain,*	Ware 46.
Green, Walton Atwater,	*New York, N. Y.*	Randolph 59.
Greene, John Arthur, Jr.	*New York, N. Y.*	H'ke 30.
Greenough, Henry Vose,	*Brookline,*	48 Mt. Auburn St.
Greenwood, Charles Ernest,	*E. Boston,*	T. 31.
Griffin, William McKenna,	*Portsmouth, N. H.*	96 Prescott St.

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Grilk, Louis,	*Davenport, Ia.*	S. 23.
Gring, Rudolph Brainerd,	*Cambridge,*	66 Dana St.
Hackett, Lewis Wendell,	*Belmont, Cal.*	47 Brattle St.
Hadley, Walter Norman,	*Templeton,*	3 Sumner St.
Hahlo, Jack George,	*New York, N. Y.*	H'ke 15.
Hale, Swinburne,	*Chicago, Ill.*	G. 52.
Hall, Edwin Oscar,	*Honolulu, H. T.*	T. 38.
Hall, Frederick Garrison,	*Cambridge,*	26 Holyoke St.
Hall, Irving Kent,	*Cambridge,*	Manter 7.
Hall, Leland Boylston,	*Malden,*	51 Mt. Auburn St.
Hall, Reverdy Morriss, Jr.	*Baltimore, Md.*	M. 29.
Hall, William Scott,	*Wellesley,*	49 Oxford St.
Harding, Albert Ellis, Jr.	*Cohasset,*	52 Mt. Auburn St.
Hare, James Alexander,	*New York, N. Y.*	64 Revere St., Boston.
Harwood, Albert Leslie, Jr.	*Newton Centre,*	Hampden 15.
Haskell, Fitch Harrison,	*Ashtabula, O.*	54 Dunster St.
Hastings, John Walter,	*Boston,*	W. H. 6.
Hatch, Leonard,	*Boston,*	M. 57.
Hayes, Albert Hamilton, Jr.	*Boston,*	Everett 43.
Hays, Edwin Daniel,	*New York, N. Y.*	H'ke 15.
Heagan, Emery Marden,	*Belfast, Me.*	16 Oxford St.
Heard, Roger Adams,	*Boston,*	Hampden 12.
Heath, Arnold Collamore,	*Newtonville,*	Hampden 28.
Heathcote, George Milton,	*Chicopee,*	2 Garden St.
Hecker, Eugene Arthur,	*St. Louis, Mo.*	67 Oxford St.
Heinfelden, Curt Herman Garfield,	*Bellville, Ill.*	Craigie 205.
Hemenway, Augustus, Jr.	*Readville,*	Westmorly 47.
Henderson, Paul George,	*Indianapolis, Ind.*	M. 2.
Henneberger, Herman, Jr.	*New Rochelle, N. Y.*	Hampden 4.
Herrick, Parmely Webb,	*Cleveland, O.*	Beck 24.
Hertzog, Walter Sylvester,	*Shamokin, Pa.*	469 Broadway.
Hickey, John Boleman,	*Roxbury,*	7 Mills St., Rox.
Hill, Eveleth Vose,	*Worcester,*	Quincy 5.
Hinckley, Samuel Neilson,	*Lawrence, L. I., N. Y.*	Apthorp 2.
Hinrichs, Louis Ernest,	*Brooklyn, N. Y.*	34 Mellen St.
Hirsh, Herbert Adolph,	*New York, N. Y.*	1716 Cambridge St.
Hoe, Arthur Ingersoll,	*New York, N. Y.*	Fairfax 46.
Hoguet, Joseph Pierre,	*New York, N. Y.*	Westmorly 136.
Holsapple, Frank Burdwin,	*Hudson, N. Y.*	Hampden 8.
Holsberg, Morris Bernard,	*Cambridge,*	34 Parker St.
Hopson, Albert William,	*Everett,*	1727 Cambridge St.
Horblit, Mark Michael,	*Cambridge,*	41 Union St.
Howard, Paul Dinsmore,	*Clinton,*	S. 26.

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Hoyt, John Frank,	*Newington, N. H.*	22 Mt. Auburn St.
Hubbard, William Orcutt,	*Cambridge,*	11 Forest St.
Humphreys, Richard Duane,	*New York, N. Y.*	Westmorly 121.
Hunt, Guy Lloyd,	*Portland, Ore.*	M. 12.
Hurley, Daniel Joseph,	*Charlestown,*	24 Monument Ave., Ch's'n.
Hutchins, Constantine,	*Boston,*	Westmorly 42.
Hyde, George Edward,	*Hyde Park,*	79 Beacon St., Hyde Park.
Illoway, Bernard Abeles,	*Philadelphia, Pa.*	52 Plympton St.
Jackson, George Schünemann,	*Boston,*	Westmorly 42.
Jacobs, Joseph Benjamin,	*Boston,*	P. 34.
James, Reginald Sears,	*Cambridge,*	Felton 27.
Jantzen, Francis Thomas,	*Lowell,*	1134 Mass. Ave.
Johnson, Earle Freeman,	*Wilmette, Ill.*	P. 85.
Johnson, Harold Pendexter,	*Woburn,*	P. 25.
Johnson, Jasper Nichols,	*Concord, N. H.*	G. 19.
Johnson, Seymour,	*New York, N. Y.*	Randolph 21.
Jones, Alfred Wilde,	*Melrose,*	Russell 15.
Jones, George,	*New York, N. Y.*	Hampden 29.
Jones, George Roberts,	*Highland Park, Ill.*	Westmorly 136.
Jones, Walter McKown,	*St. Louis, Mo.*	30 Holyoke St.
Joralemon, Ira Beaman,	*Belmont, Cal.*	W. 45.
Joshua, Samuel Ebenezer,	*Youngstown, O.*	1673 Cambridge St.
Joy, Benjamin,	*Groton,*	Claverly 54.
Kayser, Paul Barr,	*Boston,*	Hampden 26.
Keeler, Charles Butler, Jr.	*Chicago, Ill.*	W. H. 56.
Keever, Henry Floyd,	*Schuylkill Haven, Pa.*	41A Irving St.
Kelly, John Vincent,	*Newton,*	71 Walnut P'k, Newton.
Kendall, Albert Stearns,	*Newton Centre,*	T. 11.
Kernan, Reginald Devereux,	*Syracuse, N. Y.*	Claverly 4.
Kimball, Douglas Brooks,	*Salt Lake City, Utah,*	53 Trowbridge St.
Kirkpatrick, James Douglas,	*Middleboro,*	H'ke 12.
Koechl, Otto Rudolph,	*Brooklyn, N. Y.*	Russell 1.
Koehler, Kurt Hermann,	*Portland, Ore.*	5 Linden St.
Lamson, Paul Dudley,	*Worcester,*	Dana 42.
Lane, Clarence Guy,	*Woburn,*	P. 25.
Lapham, Roger Dearborn,	*New York, N. Y.*	Randolph 51.
Larned, John Insley Blair,	*Lake Forest, Ill.*	W. 29.
Larned, Walter Cranston, Jr.	*Lake Forest, Ill.*	W. 29.
Leary, Leo Henry,	*South Boston,*	936 Broadway, So. Boston.
Leaycraft, Reginald Roosevelt,	*Caldwell, N. J.*	Westmorly 126.
Lebowich, Joseph,	*Roxbury,*	P. 71.
Legg, Chester Arthur,	*Decatur, Ill.*	421 Broadway.
Lehmann, Frederick William, Jr.	*St. Louis, Mo.*	M. 48.

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Leventall, Abraham,	*Chelsea*,	46 Garden St., Chelsea.
Levy, Allen Frederick,	*Roxbury*,	8 Sherman St., Rox.
Lewis, Chester Brooks,	*Cincinnati, O.*	Hampden 39.
Lewis, Charles Winslow,	*Brookline*,	Craigie 402.
Lewis, Sherman Leland,	*Lawrence*,	S. 32.
Lewis, Willard,	*Walpole*,	H'ke 45.
Lincoln, George Chandler,	*Worcester*,	42 Mt. Auburn St.
Lindsay, Thomas Poultney,	*Boston*,	Claverly 12.
Linnell, Irving Nelson,	*Cambridge*,	Drayton 16.
Locke, Arthur Ware,	*Cambridge*,	7 Francis Ave.
Long, Troy Lovell,	*Morrisonville, Ill.*	C. 7.
Lord, Roy William,	*Fitchburg*,	T. 46.
Lord, William Swift,	*Wolfeboro, N. H.*	W. 15.
Lothrop, Stanley Belden,	*Newtonville*,	Ware 52.
Maag, William Frederick, Jr.	*Youngstown, O.*	C't 2.
McCaa, Jeremiah Aleck,	*Plains, Pa.*	40 Kirkland St.
McCarthy, Joseph,	*Troy, N. Y.*	88 Mt. Auburn St.
Macdonald, William Valentine,	*Cambridge*,	6 Holyoke Pl.
MacDonnell, Joseph Francis,	*Holyoke*,	1132 Mass. Ave.
McEnteer, Frank Duff,	*Dubois, Pa.*	P. 57.
Macleod, Eldon,	*Dorchester*,	27 Holyoke St.
McLeod, Keith,	*Boston*,	56 Plympton St.
MacLeod, William,	*Newport, R. I.*	T. 62.
McMillin-Whitehead, Henry St. Clair,	*New York, N. Y.*	W. H. 15.
Mann, Michael Joseph,	*Lawrence*,	C. 8.
Manton, Walter Williamson,	*Detroit, Mich.*	S. 2.
Martin, Cecil,	*Newburyport*,	W. 12.
Mason, Charles Ellis,	*Boston*,	Westmorly 142.
Mason, Frank Richardson,	*Chicago, Ill.*	C. 42.
Mason, Harold Francis,	*Boston*,	Claverly 130.
Masstrangialo, Samuel Raphael,	*Cambridge*,	61 Austin St.
Matthews, William Clarence,	*Montgomery, Ala.*	C. 41.
Mattuck, Israel Isidor,	*Worcester*,	57 Wendell St.
Mayer, Leo,	*New York, N. Y.*	T. 32.
Mellor, Albert Lincoln,	*Plymouth*,	6 Story St.
Meriam, Lewis,	*Salem*,	H'ke 24.
Merrell, Thurston,	*Cincinnati, O.*	H'ke 20.
Merrick, John Humphrey,	*Dorchester*,	671 Washington St., Dor.
Merrill, Ralph Winslow,	*Bangor, Me.*	Westmorly 34.
Miller, Richard Henry,	*Fitchburg*,	Hampden 45.
Millikin, Vergil Stanley,	*Providence, R. I.*	58 Hammond St.
Mills, Ogden Livingston,	*New York, N. Y.*	Claverly 19.
Mills, Philip Overton,	*Fort Wadsworth, N. Y.*	Westmorly 106.

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Mitchell, Daniel Holmes,	*Cincinnati, O.*	Randolph 18.
Mitton, Arthur Graham,	*Brookline,*	Ware 5.
Moody, Jay Arthur,	*Youngstown, O.*	42 Kirkland St.
Moore, Albert Hanford,	*Cambridge,*	3 Divinity Ave.
Moore, Frederick Porter,	*Cambridge,*	156 Mt. Auburn St.
Moore, Royal Archibald,	*Cambridge,*	28 Sacramento St.
Moot, Richmond Dana,	*Buffalo, N. Y.*	Beck 34.
Morrison, Hyman,	*Boston,*	38 Prince St.,
Morse, George W., Jr.	*Clinton,*	W. 30. [Boston.
Mulock, Percy,	*Dubois, Pa.*	1663 Cambridge St.
Murdock, Uriel Atwood,	*Southampton, N. Y.*	Claverly 32.
Murphy, Albert Stephen,	*So. Boston,*	419 4th St., So. Boston.
Murphy, Frank Vincent,	*So. Boston,*	419 4th St., So. Boston.
Murtfeldt, Frank Woolley,	*Newburgh, N. Y.*	H'ke 46.
Myers, John Woods,	*Cleveland, O.*	Dunster 15.
Nash, William Louis,	*Cambridge,*	C. 22.
Neagle, Francis Emmett,	*Elmira, N. Y.*	Trinity 7.
Nelles, Walter Ralston,	*Cleveland, O.*	12 Sumner St.
Newburgh, Louis Harry,	*Cincinnati, O.*	W. H. 27.
Nichols, Robert,	*Somerville,*	182 Highland Ave., Somer.
Nichols, Shirley Hall,	*Upper Montclair, N. J.*	26 Trowbridge St.
Niles, John Otis Garfield,	*Cambridge,*	21 Parker St.
Obear, Harlan Foster,	*Beverly,*	33 Walker St.
Ober, Harold Clark,	*Nashua, N. H.*	M. 56.
O'Brien, Daniel Emmett,	*Salem,*	266 Bolton St., So.
O'Connor, Francis Joseph,	*Lawrence,*	C. 1. [Boston.
O'Donnell, Francis Xavier,	*Boston,*	129 Myrtle St.,
Oglesby, Joseph Henry,	*Sea Girt, N.J.*	Beck 35. [Boston.
O'Keefe, John Aloysius, Jr.	*Lynn,*	P. 20.
Olmsted, Remington,	*Buffalo, N. Y.*	S. 15.
Openhym, Wilfred Adolphe,	*New York, N. Y.*	M. 20.
Oppenheimer, James Harry,	*Cincinnati, O.*	Trinity 6.
O'Riorden, Michael Stanislaus,	*Charlestown,*	Craigie 203.
Osmond, Alfred,	*Logan, Utah,*	353 Harvard St.
Osterhoudt, George Depew,	*Carthage, N. Y.*	W. H. 14.
Outerbridge, George Whitney,	*Philadelphia, Pa.*	58 Mt. Auburn St.
Oveson, Raymond,	*Osage City, Kan.*	Dunster 42.
Packard, William Oliver,	*Watertown,*	79 Mt. Auburn St., Wat'n.
Page, Arthur Wilson,	*W. Englewood, N.J.*	28 Holyoke St.
Palmer, Jackson,	*Lowell,*	Fairfax 40.
Palmer, Robert Francis,	*Chicago, Ill.*	C. 42.
Palmer, Townsend,	*Middletown, Conn.*	Everett 35.
Parker, Edward Charles,	*Philadelphia, Pa.*	Craigie 201.

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Parson, Donald,	*Washington, D. C.*	54 Dunster St.
Patterson, Henry Rathbone,	*Roxbury,*	T. 6.
Perkins, Edward Newton,	*Plainfield, N.J.*	Fairfax 19.
Perkins, Pulfrey,	*Salem,*	M. 44.
Perry, William Graves,	*Boston,*	Apthorp 2.
Petersen, Jörgen Conrad,	*Plymouth,*	61 Oxford St.
Phillips, William Abbott,	*Danielson, Conn.*	M. 4.
Piper, Fred Willis,	*Newburyport,*	T. 31.
Pomeroy, Owen Eugene,	*Louisville, Ky.*	1734 Cambridge St.
Poor, Walter Stone, Jr.	*Morristown, N.J.*	Little's 11.
Potts, Robert Tower,	*Norristown, Pa.*	Quincy 8.
Powelson, John A,	*Middletown, N. Y.*	H'ke 39.
Poyen, John Sauveur, Jr.	*Amesbury,*	Ware 39.
Pratt, Henry Putnam,	*Salem,*	T. 57.
Prentice, Bernon Sheldon,	*New York, N. Y.*	Westmorly 22.
Prescott, George Lincoln,	*Concord,*	P. 6.
Putnam, Franklin Delano,	*Roxbury,*	5 Linden St.
Putnam, Robert Faulkner,	*Rye, N. Y.*	Drayton 19.
Rainsford, Laurence Frederic,	*New York, N. Y.*	Russell 21.
Rainsford, Walter Kerr,	*New York, N. Y.*	Russell 21.
Randall, Clarence Walter,	*St. Louis, Mo.*	Craigie 205.
Rawson, Joseph, Jr.	*Cincinnati, O.*	Little's 30.
Raymond, Harry,	*Rapid City, S. Dak.*	C. 37.
Reeves, James Arthur,	*Cambridge,*	21 Hews St.
Rham, Frederic Foster de,	*New York, N. Y.*	Westmorly 106.
Rice, Arthur Pray,	*Malden,*	T. 8.
Rice, Albert White,	*Worcester,*	Apley 32.
Rice, George Arthur,	*Malden,*	P. 76.
Richards, Harold Moore,	*Brookline,*	Craigie 404.
Riley, William Jowett,	*Lexington,*	T. 25.
Rivers, Robert Wheaton,	*Cambridge,*	1010 Mass. Ave.
Robbins, Russell Hurlbut,	*New York, N. Y.*	Quincy 6.
Roberts, Alton True,	*Vinalhaven, Me.*	Craigie 403.
Roberts, Sidney Lewis,	*Philadelphia, Pa.*	Russell 15.
Robeson, Rodman,	*Brookline,*	Westmorly 141.
Robinson, Alfred Porter,	*San Francisco, Cal.*	36 Mt. Auburn St.
Robinson, Gustavus Hill,	*New York, N. Y.*	12 Kirkland Pl.
Robjent, Alfred Chappelle,	*Lawrence,*	42 Wendell St.
Rogerson, Ralph Chantrey,	*Mansfield,*	30 Mt. Auburn St.
Rose, Frederick Dodds,	*Muncie, Ind.*	Ware 55.
Rothenberg, Will,	*Cleveland, O.*	1124 Mass. Ave.
Rothermel, Peter Frederick, 3d,	*Philadelphia, Pa.*	Westmorly 122.
Rothwell, James Mason,	*Brookline,*	Hampden 23.

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Rowley, Charles Freeman,	*Brookline*,	Craigie 404.
Ruby, Harry Oscar,	*York, Pa.*	C't 18.
Russell, Waldo Bruce,	*Lynn*,	D. 2.
Sablotzky, Harry,	*New York, N. Y.*	1750 Cambridge St.
Saeger, Wilford Cook,	*Saegertown, Pa.*	Ware 45.
Safford, James Osborne,	*Salem*,	56 Plympton St.
Sanborn, Cyrus Ashton Rollins,	*Somerville*,	105 Highland Ave., Somer.
Sanger, Ralph,	*Dedham*,	Claverly 30.
Sard, Russell Ellis,	*Albany, N. Y.*	Westmorly 106.
Sargent, Ledyard,	*Cambridge*,	T. 36.
Savary, Charles Pemberton,	*No. Easton*,	C. 53.
Sawyer, William Prince,	*Boston*,	12 Kirkland Pl.
Schick, William Anthony, Jr.	*Holyoke*,	T. 16.
Schurr, Henry William,	*Bennett, Pa.*	G. 29.
Scott, John Alfred,	*Roxbury*,	T. 6.
Scully, Arthur Murtland,	*Pittsburg, Pa.*	31 Bow St.
Sharp, John Alexander,	*Richmond*,	W. 26.
Sharpe, William James Clyde,	*Philadelphia, Pa.*	D. 40.
Shaw, Theodore Lyman,	*Wellesley*,	Westmorly 41.
Shea, Charles Andrew,	*Roxbury*,	Everett 22.
Shedd, George Harold,	*No. Conway, N. H.*	W. 15.
Sheffer, Henry,	*Boston*,	C. 47.
Sheldon, Theodore, Jr.	*Chicago, Ill.*	Quincy 5.
Sherlock, Edward Frederick,	*So. Boston*,	36 G St., So. Boston.
Sherman, Benjamin Franklin,	*Boston*,	Berkeley Hotel, Boston.
Shipman, Richard Delafield,	*New York, N. Y.*	Beck 27.
Sicher, Samuel Atwood,	*New York, N. Y.*	Little's 19.
Silver, Laurence Garfield,	*Cleveland, O.*	W. H. 35.
Silverman, Lazarus Louis,	*E. Boston*,	85 Porter St., E. Boston.
Silverman, Peyser Edward,	*Boston*,	12 Worcester Sq., Boston.
Simmons, Arthur Aborn, Jr.	*Grafton*,	47 Brattle St.
Simon, Albert Philip,	*New York, N. Y.*	P. 87.
Simpson, Tennyson Wendell,	*Lowell*,	C. 23.
Skinner, Rufus Brooks,	*Dorchester*,	25 Sagamore St., Dor.
Slizack, John Jacob,	*Fall River*,	C. 33.
Small, Arthur Everett,	*Melrose*,	185 Florence St., Melrose.
Small, Warren Harvey,	*Charlestown*,	82 Pearl St., Ch's'n.
Smith, Alfred Warren,	*Dorchester*,	148 Welles Ave., Dor.
Smith, Edgar Lawrence,	*Cambridge*,	Wadsworth 14.
Smith, Fred Marshall, Jr.	*Roxbury*,	H'ke 4.
Smith, George Gilbert,	*E. Orange, N. J.*	C. 32.
Smith, George Kendrick,	*Boston*,	416 Marlboro St., Boston.
Smith, King,	*New York, N. Y.*	M. 54.

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Smith, Thomas Herbert,	*New York, N. Y.*	M. 29.
Smith, Thomas Page, Jr.	*Waltham,*	M. 56.
Snow, Francis Wolson,	*Cambridge,*	30½ Shepard St.
Snyder, Harvey Roland,	*Paris, O.*	18 Ellery St.
Southard, Louis Keith,	*Dorchester,*	W. 34.
Spare, Chester Vigneron,	*New Bedford,*	40 Irving St.
Sperry, Edward Chambers,	*Baltimore, Md.*	M. 41.
Spinney, Thomas Sherwin,	*W. Roxbury,*	La Grange St., W. Rox.
Staples, Clarence Leonard,	*Portland, Me.*	1134 Mass. Ave.
Steele, George Gurdon,	*Owego, N. Y.*	Trinity 7.
Stephens, Henry,	*Detroit, Mich.*	Dunster 42.
Stern, Herbert Morland,	*Rochester, N. Y.*	W. H. 29.
Stevens, Charles Ambrose,	*So. Bridgton, Me.*	49 Wendell St.
Stevens, John Naylor,	*Ludlow,*	Ware 35.
Stockbridge, Dana Willard,	*Manchester, N. H.*	1699 Cambridge St.
Stockton, Howard, Jr.	*Boston,*	48 Mt. Auburn St.
Stoddard, Chauncey, 3d,	*Keosauqua, Ia.*	17 Hurlbut St.
Stoddard, Theodore Lothrop,	*W. Newton,*	Dana 28.
Stoiber, Edwin Louis,	*Brooklyn, N. Y.*	C't 3.
Stone, James Sidney,	*Brookline,*	Claverly 48.
Stone, Lawrence Edward,	*Fairmount, O.*	W. 6.
Storey, John de Raismes,	*Brooklyn, N. Y.*	W. 20.
Story, William Edward, Jr.	*Worcester,*	42 Holyoke St.
Stowe, Lyman Beecher,	*Bridgewater,*	Fairfax 46.
Straw, Harry Ellis,	*Manchester, N. H.*	Quincy 2.
Studley, Horace Franklin,	*Rockland,*	P. 8.
Sturgis, Richard Clipston, Jr.,	*Boston,*	60 Mt. Auburn St.
Sullivan, George Ambrose, A.B. (*St. Mary's Coll.*) 1902,	*St. Stephen, N. B.*	62 Fayette St.
Sulloway, Frank Jones,	*Franklin Falls, N. H.*	Fairfax 31.
Swaim, Loring Tiffany,	*New Bedford,*	52 Mt. Auburn St.
Swain, Prescott Leggett,	*Cambridge,*	G. 9.
Swan, William,	*Brookline,*	Hampden 12.
Swope, Horace Meier,	*St. Louis, Mo.*	M. 13.
Taylor, George Winship,	*Catonsville, Md.*	Russell 25.
Taylor, John Williams,	*Donaldson, Pa.*	26 Mellen St.
Terzieff, George Nicolas,	*Fredonia, N. Y.*	C. 37.
Thibault, Lorenzo Herman,	*Troy, N. Y.*	88 Mt. Auburn St.
Thomas, Ransom Hallaway, Jr.	*Morristown, N. J.*	Apley 53.
Thomas, Theodore Gaillard, Jr.	*New York, N. Y.*	Dunster 35.
Thompson, Joseph Wiltsie Fuller,	*Garrison-on-Hudson, N. Y.*	25 Holyoke St.
Thompson, Newton Wayland,	*Albany, N. Y.*	55 Trowbridge St.

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Thornton, Lewis Miller,	*Brooklyn, N. Y.*	Ware 19.
Thurman, Israel Noah,	*E. Boston,*	D. 33.
Tilden, Marmaduke, Jr.	*Madison, N.J.*	Randolph 49.
Tilden, William Morris,	*Madison, N.J.*	Randolph 49.
Tilton, Harold Hoyt,	*Revere,*	16 Beach St., Revere.
Tingley, Julien Quétil,	*Philadelphia, Pa.*	Westmorly 3.
Titus, Raymond Stanton,	*Salem,*	Hampden 13.
Travis, Albert Chester,	*New York, N. Y.*	Little's 5.
Trenholm, Thomas Hiram,	*Belmont,*	Mt. Auburn.
Tuckerman, John Appleton,	*Boston,*	Claverly 42.
Turner, Arthur Piers Legh,	*Johnstown, Pa.*	14 Sumner St.
Turner, Samuel Epes,	*Cambridge,*	H. 30.
Twombly, George Coleman,	*Newton Centre,*	63 Crescent Ave., N'n Cen.
Tyler, George Frederick,	*Philadelphia, Pa.*	Westmorly 133.
Tyng, Walworth,	*Lexington,*	T. 25.
Valentine, William Robert,	*Montclair, N.J.*	33 Brewster St.
Vernon, Grenville Phillips,	*Newport, R. I.*	H. 13.
Voegelin, Frederick Ernest,	*Pleasantdale, N.J.*	1134 Mass. Ave.
Vose, Charles, Jr.	*Boston,*	Westmorly 21.
Wade, William Archer,	*Oakmont, Pa.*	Apley 33.
Wagstaff, David,	*New York, N. Y.*	Randolph 48.
Waite, Albert Goodnow,	*Worcester,*	44 Mt. Auburn St.
Walsh, Edmund Francis,	*Boston,*	H'ke 31.
Walsh, Richard Brabrook,	*Lowell,*	P. 74.
Walton, Daniel Day, Jr.	*W. Orange, N.J.*	C. 31.
Wardner, Drew Mallon,	*Roxbury,*	Hampden 28.
Warren, Frederick Emroy,	*Cheyenne, Wyo.*	G. 26.
Washburn, Claude Carlos,	*Duluth, Minn.*	Hampden 13.
Waterhouse, Francis Asbury,	*Newtonville,*	T. 43.
Watts, Malcolm Stuart McNeal,	*Camden, N. J.*	Hampden 22.
Watts, Sidney James,	*Pittsburg, Pa.*	T. 32.
Wead, Frederick Whitcomb,	*Brookline,*	Ware 46.
Webster, Harrison Briggs,	*Cohasset,*	Westmorly 36.
Weeks, Charles Clarence,	*Buffalo, N. Y.*	Drayton 7.
Weil, Charles, Jr.	*Boston,*	C't 25.
Weil, Jesse,	*Paducah, Ky.*	C't 45.
Weil, Jacob Harry,	*Huntsville, Ala.*	P. 27.
Weitzel, Harry Wessling,	*Frankfort, Ky.*	W. 43.
Welborn, Charles Harold,	*Princeton, Ind.*	Dana 49.
Weld, Rudolph,	*Dedham,*	Westmorly 126.
Weller, Waldo Whipple,	*Cambridge,*	68 Wendell St.
Wellman, Allen,	*New York, N. Y.*	Claverly 11.
Wells, Henry Morse,	*Boston,*	114 Hemenway St., Boston.

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Wharfield, William Meredith,	*Springfield*,	T. 10.
Wharton, William Pickman,	*Groton*,	Randolph 12.
Wheeler, James Willard,	*Dorchester*,	44 Mt. Auburn St.
Wheeler, Roy Bradley,	*Pasadena, Cal.*	W. H. 7.
White, Ernest Devereux,	*New York, N. Y.*	W. H. 15.
White, William Harry Hazzard,	*Whitesboro, Del.*	21 Mellen St.
Whitman, Harold Cutler,	*New York, N. Y.*	Westmorly 141.
Whitney, Laurence Haines,	*Lawrence*,	Dana 39.
Whorf, Clarence Pomeroy,	*Roxbury*,	Craigie 408.
Wiener, Arthur Solomon,	*New York, N. Y.*	M. 20.
Wilder, Solon,	*Gardner*,	C. 68.
Williamson, George, Jr.	*New York, N. Y.*	Westmorly 5.
Wilson, Hayward,	*Bangor, Me.*	Shepherd 6.
Winship, Lawrence Tucker,	*Albany, N. Y.*	94 Prescott St.
Winsor, Robert, Jr.	*Weston*,	Claverly 130.
Winston, Gustavus Owen,	*New York, N. Y.*	Claverly 31.
Winward, James Baybutt,	*Fall River*,	25 Holyoke St.
Wise, Harold Warren,	*Malden*,	Little's 27.
Wright, Albert Eugene,	*Olivet, Mich.*	6 Story St.
Wright, Austin Tappan,	*Cambridge*,	38 Quincy St.
Ybarra, Thomas,	*Caracas, Venezuela*,	29 Holyoke St.
Young, Charles de,	*San Francisco, Cal.*	Beck 1.
Zimmerman, Charles,	*Fall River*,	C. 4.

FRESHMAN CLASS.

Abbot, Edmund Quincy,	*Worcester*,	T. 42.
Abbott, Wendell Pease,	*Lawrence*,	W. 18.
Ach, Laurence R,	*Cincinnati, O.*	1667 Cambridge St.
Ackerman, Philip Crampton,	*Brooklyn, N. Y.*	P. 39.
Adams, Harry Tanner,	*Manchester, N.H.*	S. 2.
Alden, Howard Keith,	*Oneonta, N. Y.*	C. 17.
Aldred, Frederick William,	*Waltham*,	61 Cushing St., Waltham.
Ames, Charles Lesley,	*St. Paul, Minn.*	H'ke 8.
Amory, Robert, Jr.	*Boston*,	Fairfax 41.
Andrews, Horatio Le Seur,	*Cambridge*,	1044 Mass. Ave.
Anthony, Wilder,	*Brookline*,	Fairfax 30.
Appleton, William Henry,	*New York, N. Y.*	Westmorly 24.
Arnold, Herbert Percy,	*Quincy*,	153 Elm St., Quincy.
Arnold, John Randall,	*Quincy*,	C. 40.
Bacon, Albert Reed,	*Bedford*,	469 Broadway.
Bailey, John Ora,	*Grinnell, Ia.*	381 Harvard St.
Bain, Harold Yuille,	*Glens Falls, N. Y.*	412 Newbury St., Boston.

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Baker, Edward Holbrook, Jr.	*Cambridge*,	112 Lake View Ave.
Baker, George Kline,	*Lancaster, Pa.*	33 Bow St.
Baldwin, Willard Augustine,	*Baltimore, Md.*	Russell 25.
Barbey, Pierre Lorillard,	*New York, N. Y.*	Randolph 23.
Barbour, Thomas,	*New York, N. Y.*	C't 13.
Barrows, Frank Gridley,	*Newton Highlands*,	T. 1.
Bartels, Earl Godfrey,	*Denver, Colo.*	Everett 36.
Bartholomew, Donald Crassous,	*Malden*,	Craigie 407.
Bates, Oric,	*Boston*,	60 Mt. Auburn St.
Beach, Reuel Williams,	*Wayland*,	46 Mt. Auburn St.
Beckwith, Paul Loba,	*Bangor, Me.*	M. 26.
Beebe, Lawrence,	*Melrose*,	Hampden 8.
Bellamy, Paul,	*Chicopee Falls*,	C. 62.
Bellows, Henry Adams,	*Boston*,	Craigie 405.
Benton, Austin Corning,	*Newton Centre*,	T. 11.
Berg, Abraham John,	*Kovno, Russia*,	32 Pearl St.
Beyer, Henry Gustav, Jr.	*Portland, Me.*	Craigie 405.
Bicknell, Augustus Ingham,	*Cambridge*,	330 Harvard St.
Bird, Charles Sumner, Jr.	*E. Walpole*,	Claverly 34.
Blagden, Arthur Campbell,	*New York, N. Y.*	Claverly 25.
Blair, Percy Alexander,	*St. Louis, Mo.*	Dunster 16.
Blanchard, Edward Bates,	*Princeton*,	11 Traymore St.
Blatterman, Shelby Mitchell,	*Mays' Lick, Ky.*	Everett 41.
Blodgett, Willis Edmund,	*Springfield*,	94 Prescott St.
Bluestone, Harry,	*Pittsburg, Pa.*	42 Kirkland St.
Boericke, William Fay,	*San Francisco, Cal.*	12 Oxford St.
Boggs, George Robert Johnson,	*Washington, D. C.*	Craigie 403.
Bonelli, Edward Hood,	*Boston*,	T. 20.
Booth, Samuel Babcock,	*Germantown, Pa.*	H'ke 37.
Borden, Robert Remington,	*Fall River*,	Hapgood 11.
Bowers, George Francis Haskell,	*Clinton*,	11 Howland St.
Boyd, John Taylor, Jr.	*Brookline*,	Craigie 508.
Brackett, Quincy Adams,	*Woburn*,	P. 14.
Bradbury, William Francis,	*Louisville, Ky.*	1033 Mass. Ave.
Bradley, James Donald Cameron,	*Harrisburg, Pa.*	Randolph 20.
Bradley, Walter Hinckley,	*Philadelphia, Pa.*	60 Mt. Auburn St.
Brainard, George Henry,	*Cambridge*,	4 Arrow St.
Brennick, Henry Edward,	*So. Boston*,	804 E. 3d St., So. Boston.
Bridgman, Blanchard,	*Salem*,	H'ke 23.
Briggs, John De Quedville,	*Cambridge*,	140 Brattle St.
Brown, Henry Seymour,	*Riverhead, N. Y.*	P. 30.
Brown, Ralph Wilder,	*Boston*,	258 Mass. Ave., Boston.
Brown, William Averell,	*New York, N. Y.*	M. 24.

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Brownell, Brenton Grinnell,	*Taunton*,	P. 60.
Bryant, Edward Sohier,	*Cohasset*,	56 Plympton St.
Burden, Joseph Warren, Jr.	*Lenox*,	Claverly 25.
Burlingham, Charles,	*New York, N. Y.*	Little's 14.
Burnett, George Hall,	*Southboro*,	Beck 42.
Burns, Joseph Lawrence,	*Andover*,	379 Harvard St.
Burns, Timothy Francis,	*Watertown*,	17 Nichols Ave., Watertown.
Burr, Isaac Tucker, 3d,	*Readville*,	Claverly 49.
Burr, William Fairfield,	*New York, N. Y.*	Craigie 103.
Buttrick, Herbert Ingersoll,	*Cambridge*,	9 Wendell St.
Butz, Robert Otto,	*Winnetka, Ill.*	Drayton 18.
Cabot, Samuel, Jr.	*Boston*,	Apley 51.
Callaway, Trowbridge,	*New York, N. Y.*	Westmorly 22.
Campbell, Philip Sheridan,	*Fort Snelling, Minn.*	185 Franklin St.
Carleton, Chester Robert,	*Haverhill*,	Craigie 505.
Carleton, William Salter,	*Brookline*,	Westmorly 141.
Carr, Willard Zeller,	*Richmond, Ind.*	28 Holyoke St.
Carroll, Lauren,	*New York, N. Y.*	5 Linden St.
Carter, Harry Clarkson,	*Denver, Colo.*	Gnt. 9.
Carver, Samuel Meredith,	*Stillwater, N. Y.*	7 Alcott St., Allston.
Castle, Alfred Lowrey,	*Honolulu, H. T.*	Randolph 30.
Caswell, Roy Harris,	*Taunton*,	Gnt. 5.
Cate, Sheridan Read,	*West Newton*,	96 Prescott St.
Catlin, Ephron, Jr.	*St. Louis, Mo.*	Everett 51.
Chandler, Henry Daland,	*Boston*,	Randolph 50.
Chase, Arthur Garfield,	*Cambridge*,	84 Hammond St.
Chase, Allan Perley,	*Malden*,	Ware 31.
Chase, George Hart,	*Springfield*,	94 Prescott St.
Cheney, Frederick Goddard,	*Cambridge*,	25 Ware St.
Christensen, Arthur Olaf,	*Beaufort, S. C.*	C. 63.
Clapp, George Allen,	*Newtonville*,	Ware 52.
Clapp, William Follen,	*Boston*,	Hampden 17.
Clark, Julius Vennard,	*Melrose*,	P. 52.
Clark, John Wolfe,	*Port Chester, N. Y.*	Craigie 503.
Clark, Lester Williams, Jr.	*New Brighton, S. I., N. Y.*	Little's 14.
Clarke, Roger Henry,	*New York, N. Y.*	Drayton 20.
Clement, Clarence Erskine,	*Newburyport*,	Westmorly 1.
Clements, Edgar Thomas,	*Nutley, N. J.*	1734 Cambridge St.
Cobb, Cleveland,	*New York, N. Y.*	68 Mt. Auburn St.
Cogswell, Edmund Strong,	*Salem*,	C. 35. [Boston.
Cogswell, Walter Cleveland, Jr.	*Newton Centre*,	18 Huntington Ave.,
Cohen, Augustus,	*Denver, Colo.*	100 Mt. Auburn St.
Cohn, William Isaac,	*Fort Smith, Ark.*	P. 62.

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Colby, Bert Lawlor,	*E. Boston*,	163 Lexington St., E. Boston.
Colby, Warren Howard,	*Revere*,	156 Winthrop Ave., Revere.
Coleman, George Albert,	*Newton*,	334 Kenrick St., Newton.
Colpitt, Edwin Roy,	*Everett*,	Sherman St., Everett.
Cook, Arthur Mayhew,	*Laconia, N. H.*	10 Appian Way.
Cook, Douglas Purinton,	*Worcester*,	C't 1.
Cook, Harold Oatman,	*Waltham*,	168 Main St., Waltham.
Cooper, Thomas Yost,	*Hanover, Pa.*	C. 44.
Corlett, William Wellington,	*New York, N. Y.*	M. 24.
Coventry, Graham,	*Utica, N. Y.*	42 Kirkland St.
Cox, Philip Wescott Lawrence,	*Malden*,	T. 1.
Cropley, Ralph Edward,	*Marblehead*,	44 Brattle St.
Cunningham, Thomas Edward, Jr.	*Cambridge*,	847 Mass. Ave.
Currier, Frank Ellis,	*Somerville*,	38 Putnam St., Somer.
Cushman, George Arved,	*Roxbury*,	46 Dudley St., Rox.
Cutter, Edward Learoyd,	*Dorchester*,	H'ke 48.
Dabney, John Pomeroy, 2d,	*Seattle, Wash.*	Little's 10.
Dana, Allston,	*Cambridge*,	33 Holyoke St.
Darwin, Charles Bascom,	*Washington, D. C.*	1709 Cambridge St.
Davis, Donald Walton,	*Frazer, Pa.*	33 Kirkland St.
Davison, Archibald Thompson, Jr.	*Dorchester*,	394 Washington St., Dor.
Davol, Charles Dean,	*Fall River*,	25 Holyoke St.
De Cormis, Redington Mudge,	*Cambridge*,	54 Wendell St.
Delano, Lyman,	*Barrytown, N. Y.*	Randolph 56.
Diamond, Hyman,	*Boston*,	102 Poplar St., Boston.
Dignowity, James Victor, Jr.	*Mt. Washington, Md.*	W. H. 59.
Dimick, Charles Harcourt,	*Cambridge*,	25 Holyoke St.
Diserens, Robert Carver,	*Cincinnati, O.*	18 Prescott St.
Dives, Edward Josiah,	*Reading, Pa.*	W. H. 36.
Dole, Paul Lester,	*Concord, N. H.*	60 Mt. Auburn St.
Dole, Robert Montgomery,	*Jamaica Plain*,	24 Garden St.
Donlan, Michael Stanislaus,	*Dorchester*,	6 Conrad St., Dor.
Donovan, John Patrick,	*Concord, N. H.*	469 Broadway.
Dorgan, Maurice Joseph,	*Lawrence*,	100 Mt. Auburn St.
Dorman, Thomas Burnett,	*Upper Montclair, N. J.*	C't 14.
Dougherty, Thomas Harvey, Jr.	*Germantown, Pa.*	Claverly 50.
Dowling, Martin Aloysius,	*Everett*,	30 Buckman St., Everett.
Dyar, Charles Bowker,	*Newton*,	6 Church St., Newton.
Dyer, Harold Ingalls,	*W. Roxbury*,	48 Stratford St., W. Rox.
Eastland, Thomas Butler,	*San Francisco, Cal.*	Claverly 33.
Eaton, Horace Emerson,	*Calais, Me.*	P. 79.
Eldridge, Joseph Ingalls,	*Winthrop*,	15 Ingleside Ave., Winthrop.
Eliot, John Dwight,	*Hyde Park*,	G. 45.

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Ellenbogen, Abraham,	*Troy, N. Y.*	88 Mt. Auburn St.
Ellis, Franklin Henry,	*Washington, D. C.*	Randolph 58.
Ellis, Philip Van Rensselaer,	*Brookline,*	Trinity 14.
Ellsworth, George Lovell,	*Dorchester,*	30 Eastman St., Dor.
Embry, Harry Wallace,	*Louisville, Ky.*	W. 5.
Emerson, William Forbes,	*Concord,*	56 Plympton St.
Emmons, Roger Blake,	*New York, N. Y.*	46 Mt. Auburn St.
Evans, George Herbert,	*Johnstown, N. Y.*	32 Mellen St.
Evans, Richard Taylor,	*Dorchester,*	W. 25.
Everett, Shirley Blake,	*Dorchester,*	Drayton 1.
Faber, Harold Kniest,	*Lockport, N. Y.*	53 Oxford St.
Fargo, William Preston,	*New York, N. Y.*	Randolph 3.
Farley, Ferdinand,	*Boston,*	W. 25.
Farnsworth, Edward Miller, Jr.	*Brookline,*	Claverly 24.
Farron, Samuel,	*Woonsocket, R. I.*	40 Kirkland St.
Farson, Robert Bruce, Jr.	*St. Charles, Ill.*	P. 33.
Fay, Malcolm Norman,	*Boston,*	Claverly 20.
Feeney, Wilfred Runyan,	*Haverhill,*	9 Wendell St.
Fernald, Frederick Gragg,	*Melrose,*	Hampden 30.
Field, George Hayes,	*Buffalo, N. Y.*	Randolph 10.
Filley, Oliver Dwight,	*Paris, France,*	Randolph 16.
Finberg, Elias,	*Roxbury,*	52 Hollander St., Rox.
Fisher, Henry White,	*Whitesboro, Del.*	21 Mellen St.
Fitz, Reginald,	*Boston,*	Russell 23.
Fitzpatrick, William Joseph,	*Charlestown,*	19 Cross St., Ch's'n.
Fleischner, Chester Otto,	*Cambridge,*	31 Crescent St.
Fleischner, Herbert Edmund,	*Cambridge,*	31 Crescent St.
Flint, Harley A,	*Malden,*	2 Upham Ter., Malden.
Foerster, Robert Franz,	*Pittsburg, Pa.*	42 Kirkland St.
Forbes, Henry Stone,	*Milton,*	Westmorly 47.
Foss, James Owen,	*Newton,*	Hapgood 4.
Frank, Robert Louis,	*Chicago, Ill.*	Drayton 3.
Franklin, Walter Simonds, Jr.	*Baltimore, Md.*	Westmorly 4.
Fraser, Frederick,	*Chili Centre, N. Y.*	22 Mt. Auburn St.
Freeman, Walter Houghton,	*Boston,*	100 W. Newton St.,
French, Clayton,	*Philadelphia, Pa.*	M. 33. [Boston.
French, Norman Beaumont,	*Canton,*	Drayton 1.
Fuller, Louis Rindge,	*Madison, N. J.*	C't 44.
Funcke, Frank Anton,	*Somerville,*	296 Beacon St., Somer.
Gallagher, Rollin McCulloch,	*So. Braintree,*	M. 36.
Galvin, Frederic Joseph,	*Dorchester,*	64 Bowdoin Ave., Dor.
Garceau, Henry Edward,	*Woonsocket, R. I.*	40 Kirkland St.
Gardiner, Roger Frederick,	*Newton Centre,*	S. 6.

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Gardner, Edwin Daniels,	*Holliston*,	H'ke 43.
Gibson, William Hamilton,	*Washington, Conn.*	Drayton 20.
Gifford, Ellis,	*Fall River*,	25 Holyoke St.
Gilbert, Lester Frederick,	*Brookline*,	Craigie 508.
Gill, Austin Goddard,	*Junction City, Kan.*	25 Holyoke St.
Ginsburg, Edward Benjamin,	*Roxbury*,	2 Woodbine St., Rox.
Godfrey, Arthur Wilbur,	*Brookline*,	Little's 25.
Goodhue, Francis Abbot, Jr.	*Andover*,	Russell 12.
Goodrich, Sidney Newman,	*Warren, N. H.*	64 Kirkland St.
Gordon, George Anderson,	*New Bedford*,	57 Brattle St.
Gordon, Saul Sumner,	*Malden*,	24 Porter St., Malden.
Gove, William Pinkham,	*Salem*,	H'ke 19.
Gowen, Robert Fellows,	*Ossining, N. Y.*	H'ke 27.
Grant, Edward Leslie,	*Franklin*,	C't 12.
Grant, Robert, Jr.	*Boston*,	Claverly 15.
Graves, Rupert Winfred,	*Cambridge*,	1673 Cambridge St.
Graves, William Grant,	*St. Paul, Minn.*	H'ke 9.
Gray, Morris, Jr.	*Boston*,	Claverly 47.
Gray, Thomas,	*Cleveland, O.*	Beck 22.
Greeley, Hugh Payne,	*Cambridge*,	41 Irving St.
Green, William Vincent,	*Albany, N. Y.*	417 Broadway.
Greene, Breckinridge David Marx,	*San Francisco, Cal.*	38 Mt. Auburn St.
Greenough, Charles Pelham, 2d,	*Cleveland, O.*	Claverly 52.
Griffith, Roy,	*Malden*,	M. 51.
Gryzmish, Reuben Bertram,	*Boston*,	W. 2.
Gutman, Monroe C,	*New York, N. Y.*	P. 59.
Hale, Arthur Waldron,	*Hudson*,	1686 Cambridge St.
Hale, Robert Lee,	*Albany, N. Y.*	M. 19.
Hall, Henri Mason,	*Jamestown, N. Y.*	Craigie 406.
Hall, John Alvin, Jr.	*Springfield*,	Everett 2.
Hall, Theodore Munroe,	*Bradford*,	Craigie 107.
Hanrahan, Charles Murray,	*Lawrence*,	C. 28.
Hanson, Harvey Robert,	*Cambridge*,	18 Antrim St.
Harbour, Homer Howells,	*Dorchester*,	3 Bowdoin Ave., Dor.
Harrington, Charles Pratt,	*Jamaica Plain*,	Fairfax 18.
Harris, Richard Harrington,	*Salem*,	Dana 46.
Harrison, William Frazier,	*Philadelphia, Pa.*	Claverly 50.
Hartwell, Chester Martin,	*Littleton*,	P. 79.
Hartwell, William Eugene, Jr.	*Haverhill*,	F. 15.
Haselton, Edgar Clarence,	*Chicopee Falls*,	C. 62.
Hatch, Roscoe Conkling,	*So. Berwick, Me.*	W. 54.
Hawkins, Wirt Victor,	*Indianapolis, Ind.*	Everett 33.
Hayward, E Bartlett,	*Baltimore, Md.*	Beck 32.

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Healey, Herbert Lester,	*So. Boston,*	214 L St., So. Boston.
Hecksher, Robert Valantine,	*Philadelphia, Pa.*	48 Brattle St.
Henneberry, William Paul, Jr.	*Wheaton, Ill.*	Hampden 35.
Hepburn, James Joseph,	*Somerville,*	226 Somerville Ave., Somer.
Hermann, Otto John,	*Roxbury,*	88 Parker Hill Ave., Rox.
Heyman, George David,	*Louisville, Ky.*	C't 31.
Hibbard, Charlton Blackinton,	*Dorchester,*	17 Nottingham St., Dor.
Hicks, Lucius Sumner,	*Boston,*	25 Harwich St., Boston.
Hinckley, Julian,	*Lawrence, L. I., N. Y.*	Randolph 28.
Hinds, Robert Watson,	*Milton,*	Trinity 3.
Hines, John Joseph,	*Lynn,*	P. 20.
Hirshberg, Henry Adler,	*Brookline,*	33 Coolidge St., B'kline.
Hobart, Richard Bryant,	*Plymouth,*	Craigie 405.
Hofeller, Eugene David,	*Buffalo, N. Y.*	W. H. 24.
Hoffman, Lee Hawley,	*Cambridge,*	Hampden 33.
Hogg, Robert Horner,	*Worcester,*	Randolph 46.
Holcombe, Arthur Norman,	*Winchester,*	13 Wildwood St., Winchester.
Holland, Clifford Milburn,	*Cambridge,*	53 Ellery St.
Hollingsworth, Valentine,	*Boston,*	Westmorly 43.
Holmes, Hector McIntosh,	*Malden,*	M. 51.
Holmes, Walter Chapin,	*Roxbury,*	6 Logan St., Rox.
Holmes, Walter Cornelius,	*Cambridge,*	63 Dana St.
Holton, John Wells, Jr.	*Springfield,*	P. 82.
Hood, James Willard,	*Cambridge,*	96 Magazine St.
Hooper, James Ripley, Jr.	*Boston,*	Claverly 35.
Hooper, William Everett,	*Herfordshire, England,*	W. 46.
Hovey, Charles Francis,	*Afton, N. Y.*	7 Felton St.
Hovey, Edward Clarence, Jr.	*Brookline,*	56 Plympton St.
Howard, James Mitchell,	*Melrose Highlands,*	P. 52.
Howard, William James, Jr.	*Washington, D.C.*	1556 Cambridge St.
Howland, Edward Morris,	*Jamaica Plain,*	46 Eliot St., Jam. Pl.
Hughes, Robert Wells,	*Lima, Ind.*	19 Prentiss St.
Hurlin, Arthur Merle,	*Jackson, N. H.*	13 Meacham Road.
Hutchinson, Arthur Emlen,	*Philadelphia, Pa.*	Randolph 38.
Hyde, Dana Cutting,	*Cambridge,*	171 Hancock St.
Irving, Frederick Carpenter,	*Gouverneur, N. Y.*	Claverly 3.
Ives, Alver Homer,	*Revere,*	116 Mountain Ave., Revere.
Jameson, Winthrop Strickland,	*Cambridge,*	44 Brattle St.
Jenckes, Edward Nathaniel, Jr.	*E. Douglas,*	42 Kirkland St.
Jockel, Frederick William, Jr.	*New York, N. Y.*	Everett 26.
Johnson, David Eastman,	*Chicago, Ill.*	Hampden 25.
Johnson, Frederick,	*Boston,*	Dana 23.
Johnson, Romilly,	*Lynn,*	Apley 3.

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Johnson, Roy Wilder,	*Cleveland, O.*	F. 12.
Johnson, William Russell, Jr.	*E. Boston,*	583 Chelsea St., E. Boston.
Jones, Charles,	*Milton, N. H.*	28 Wendell St.
Jones, Ellis William,	*Boston,*	41 Appleton St., Boston.
Jones, Theodore Francis,	*Allston,*	3 Cambridge Ter., Allston.
Jordan, Robert,	*Boston,*	Claverly 5.
Kabatchnick, Myer,	*Scranton, Pa.*	1124 Mass. Ave.
Kahn, Walter Nathan,	*New York, N. Y.*	P. 13.
Kangley, John Arthur,	*Streator, Ill.*	Hampden 42.
Karr, Arthur Jamieson,	*Washington, D. C.*	Craigie 406.
Kay, John Alvin,	*Wollaston,*	28 Sacramento St.
Keeney, Perry H,	*Chicago, Ill.*	Hampden 24.
Kelley, Clarence Moore,	*Haverhill,*	1200 Mass. Ave.
Kelley, John William,	*Cambridge,*	C. 6.
Kelley, Nicholas,	*New York, N. Y.*	G. 33.
Kellogg, Foster Standish,	*Boston,*	Ware 37.
Kellogg, Rufus Gardner,	*Milwaukee, Wis.*	Randolph 46.
Kempner, Clarence,	*Brooklyn, N. Y.*	T. 64.
Ketchum, Phillips,	*Middleboro,*	102 Mt. Auburn St.
Kibbey, Biscoe Alberton,	*Marshalltown, Ia.*	Fairfax 13.
Kidder, Jerome Faber,	*Orange, N. J.*	Little's 6.
Kimball, Chester Leroy,	*Charlestown,*	59 High St., Ch's'n.
King, Clark,	*Boston,*	Claverly 24.
King, Edward Dimock,	*New York, N. Y.*	Apley 54.
King, George Adams,	*Worcester,*	C. 65.
King, Le Roy,	*Newport, R. I.*	Claverly 36.
Kirkpatrick, William Alan,	*San Francisco, Cal.*	Claverly 37.
Lamson, Kenneth Worcester,	*Auburndale,*	64 Kirkland St.
Langley, Harold Stephen,	*Winchester,*	W. 39.
Langmaid, Stephen Ives,	*Salem,*	H'ke 23.
Langmann, Otto Frederic,	*New York, N. Y.*	1727 Cambridge St.
Lankershim, John,	*New York, N. Y.*	Trinity 5.
Lazarus, Isadore Hyam,	*Ashmont,*	6 Beale St., Ashmont.
Lazarus, Louis,	*Boston,*	14 Holyoke St., Boston.
Lehman, Alvin Joseph,	*Cincinnati, O.*	1667 Cambridge St.
Leighton, Guy Manning,	*Cambridge,*	23 Wendell St.
Leland, Amory, Jr.	*New York, N. Y.*	Claverly 46.
Leland, Benjamin Towne,	*So. Boston,*	483 Broadway, So. Boston.
Leman, Sheldon Dole,	*Chicago, Ill.*	W. H. 12.
Leonard, George Sill,	*Boston,*	T. 5.
Leonard, Robert Jarvis,	*West Newton,*	Randolph 11.
Lewis, Carl Anthony,	*Wollaston,*	S. 13.
Lewis, Clarence Irving,	*Bradford,*	F. 15.

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Lewis, Charles Sumner, Jr.	*Indianapolis, Ind.*	P. 43.
Lewis, Geoffrey Whitney,	*Brookline,*	52 Mt. Auburn St.
Lewis, Jay Roy,	*Holyoke,*	T. 50.
Lewis, Roger Labaree,	*West Newton,*	96 Prescott St.
Lincoln, Henry Lewis,	*Belmont,*	Cedar R'd, Belmont.
Lissner, Joseph,	*Boston,*	419 Mass. Ave., Boston.
Loewenthal, Walter,	*New York, N. Y.*	P. 4.
Long, Albourne Bruce,	*Jamaica Plain,*	45 Forbes St., Jam. Pl.
Loomis, Charles Dana,	*Englewood, N.J.*	W. H. 20.
Lord, Henry Shippen,	*Winchester,*	38 Mt. Auburn St.
Loud, Ned Conrad,	*Rochester, N. H.*	18 Prescott St.
Lounsbery, Richard,	*New York, N. Y.*	Apley 24.
Lyon, Harold Sidney,	*West Bridgewater,*	C. 51.
MacArthur, Kenneth Cauldwell,	*New York, N. Y.*	C't 1.
McBurney, Malcolm,	*New York, N. Y.*	26 Holyoke St.
McCormick, Washington Jay,	*Missoula, Mont.*	54 Kirkland St.
McCreery, John Alexander,	*New York, N. Y.*	5 Linden St.
McCutcheon, Victor Hugh,	*South Branch, N.J.*	Drayton 20.
McFadon, Donald,	*Quincy, Ill.*	Drayton 13.
MacIntyre, Ezra Treat, Jr.	*Roxbury,*	Drayton 1.
Mackay, Robert Langdon,	*Boston,*	24 Holyoke St.
McMahan, Thomas Henry,	*So. Boston,*	392 W. Fourth St., So. Boston.
MacNutt, Scott Patterson,	*Richmond, Ind.*	P. 21.
Macomber, Donald,	*Newtonville,*	F. 8.
McQueen, Charles Alfred,	*Cleveland, O.*	43 Irving St.
Magruder, Alexander Richardson,	*Washington, D.C.*	Drayton 4.
Mahan, Charles Jerome,	*Natick,*	54 So. Main St., Natick.
Mahoney, Alexander,	*Norwood,*	183 Walpole St., Norwood.
Mahoney, Edward Aloysius,	*Newtonville,*	501 Watertown St., Newtonville.
Mahony, Thomas Harrison,	*Roxbury,*	5 Normandy St., Rox.
Malcolm, Shubael Douglas,	*Chicago, Ill.*	12 Kirkland Pl.
Mandigo, Clark Rogers,	*St. Paul, Minn.*	185 Franklin St.
Marean, Browning Endicott,	*Cambridge,*	25 Holyoke St.
Markelevich, Joseph Louis,	*Fall River,*	C. 4.
Martin, James Renwick McIntosh,	*Pittsburg, Pa.*	67 Oxford St.
Mattison, Joseph,	*New York, N. Y.*	31 Holyoke St.
Mayo, Reed Converse,	*West Newton,*	T. 67.
Means, William Gordon,	*Beverly Farms,*	Randolph 60.
Mendel, Walter Scott,	*Louisville, Ky.*	C't 34.
Merrill, Alanson Roger,	*Bangor, Me.*	M. 26.
Merrill, Bradford Charles, Jr.	*New York, N. Y.*	47 Wendell St.
Metcalf, George Frederic,	*New York, N. Y.*	Claverly 53.
Metcalf, Walter Willson,	*Westboro,*	Claverly 3.

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Middleton, Charles Putnam,	*Boston*,	Dana 34.
Milhau, Louis John de Grenon de,	*New York, N. Y.*	5 Linden St.
Miller, Arlowe Kingsbury,	*Chicago, Ill.*	Drayton 5.
Miller, Edward Julian,	*Milwaukee, Wis.*	M. 14.
Miller, Homer Lerch,	*Hagerstown, Md.*	469 Broadway.
Miller, Loris Almy,	*Chicago, Ill.*	Drayton 5.
Mills, Hiram Wyckoff,	*Hartford, Conn.*	C. 70.
Minton, William Henry,	*Forest Hills*,	Orchard Ave., Forest Hills.
Mitchell, Charles,	*Brighton*,	Russell 4.
Mitchell, George Redmond,	*Cleveland, O.*	58 Hammond St.
Moller, Kenneth,	*Jamaica Plain*,	Claverly 5.
Monasmith, Harold Benjamin,	*Cleveland, O.*	C. 2.
Monro, Claxton,	*No. Andover*,	D. 38.
Montgomery, James Mortimer, Jr.	*Englewood, N.J.*	42 Mt. Auburn St.
Montgomery, John Robb,	*Brooklyn, N. Y.*	42 Mt. Auburn St.
Moore, Bartlett Doe,	*Galveston, Tex.*	G. 44.
Moore, Louis Alvan,	*Arlington*,	133 Broadway, Arlington.
Morgan, Charles Davis,	*Plymouth*,	52 Plympton St.
Moriarty, George Andrews,	*Boston*,	Beck 21.
Morris, Lewis Gouverneur, 2d,	*New York, N.Y.*	Claverly 51.
Morton, Ferdinand Quintin,	*Washington, D.C.*	1556 Cambridge St.
Mullin, Henry Julian,	*Washington, D.C.*	Craigie 107.
Murdoch, John, Jr.	*Roxbury*,	38 Whiting St., Rox.
Murray, John Frederick,	*Cambridge*,	9 Avon St.
Muzzey, Frank Schley,	*Philadelphia, Pa.*	Drayton 6.
Mydans, Max Isaac,	*Boston*,	C. 47.
Myers, Dennie Peter,	*Davenport, Ia.*	C. 66.
Myers, Edmund,	*Roxbury*,	19 Copeland St., Rox.
Myers, William Rebman,	*Philadelphia, Pa.*	C't 35.
Nason, Adelbert Warren,	*Cleveland, O.*	Craigie 102.
Neale, Laurance Irving,	*Butler, Pa.*	Fairfax 28.
Nesmith, Fisher Hildreth,	*Lowell*,	Fairfax 38.
Newald, Albert Michael,	*Milwaukee, Wis.*	Ware 47.
Newbury, Thompson,	*Taunton*,	28 Holyoke St.
Newell, Lyne Sterling,	*Denver, Colo.*	W. 24.
Newhall, Daniel Allerton,	*Philadelphia, Pa.*	52 Plympton St.
Nichols, John Donaldson,	*New York, N. Y.*	65 Mt. Auburn St.
Nichols, John Robert,	*Somerville*,	Craigie 108.
Noonan, William Andrew,	*Cambridge*,	109 Otis St.
Norwood, Percy Varney,	*Cambridge*,	33 Walker St.
Noyes, Perley Hayward,	*New York, N. Y.*	Craigie 103.
Nugent, William Christopher,	*Jamaica Plain*,	37 Goldsmith St., Jam. Pl.
Nutter, William Josiah,	*Haven, Me.*	C. 44.

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Nye, Harold Allen,	*Wakefield*,	P. 9.
Nye, William Howard,	*Bournedale*,	W. 54.
Osgood, Harold Alexander,	*Washington, D.C.*	P. 24.
Paine, Horace Whiton,	*Roxbury*,	F. 1.
Parker, DeWitt Henry,	*Cambridge*,	23 Hammond St.
Parker, Willard Stephen,	*Piqua, O.*	Hapgood 2.
Parmelee, Harold,	*Bloomington, Ill.*	43 Irving St.
Paul, Anthony Joseph Drexel,	*Radnor, Pa.*	Claverly 52.
Paull, Howard Madison,	*Cambridge*,	33 Lexington Ave.
Payson, Robert,	*Portland, Me.*	Craigie 505.
Peabody, John Damon,	*New York, N. Y.*	Randolph 50.
Peaslee, George Arthur,	*Lynn*,	68 Baker St., Lynn.
Peirce, Hayford,	*Bangor, Me.*	C't 22.
Pell, Herbert Claiborne, Jr.	*Tuxedo, N. Y.*	Randolph 55.
Perkins, Maurice George,	*Lowell*,	1134 Mass. Ave.
Perry, Arthur, Jr.	*Brookline*,	Hampden 40.
Peters, George Quincy,	*Boston*,	P. 42.
Pettengill, George Irving,	*Brighton*,	98 Warren St., Brighton.
Peyser, Seymour Marion,	*New York, N. Y.*	W. 3.
Pierce, Roy Ensworth,	*St. Louis, Mo.*	Westmorly 103.
Pierce, Theron Finlay,	*St. Louis, Mo.*	Westmorly 103.
Pierpont, Harlan Trimble,	*Roxbury*,	9 Bow St.
Pingree, Ransom Clark,	*Haverhill*,	Shepherd 15.
Pitkin, Charles Lewis,	*Boston*,	53 Dunster St.
Plaisted, John Wallace, 2d,	*Worcester*,	P. 67.
Platts, Howard Carleton,	*Holbrook*,	G. 14.
Plumb, Joseph Hudson, 2d,	*Philadelphia, Pa.*	Claverly 51.
Pontasse, Louis Philip,	*Weston*,	Weston.
Poor, Clarence Henry, Jr.	*Boston*,	H'ke 38.
Poor, Roger Merrill,	*New York, N. Y.*	Apley 31. [Falls.
Porter, Channing Williams,	*Bath, N.H.*	Glen R'd, Newton Lower
Porter, Martin Reed,	*New Brighton, N. Y.*	Drayton 16.
Potter, Philip Barton Key,	*Newport, R. I.*	Everett 31.
Pottinger, David Thomas,	*E. Boston*,	15 Chelsea St., E. Boston.
Prall, Horace Griggs,	*Ringoes, N. J.*	15 Mellen St.
Preston, Stuart Duncan,	*New York, N. Y.*	Randolph 3.
Proctor, Clarence Divoll,	*W. Derry, N.H.*	18 Prescott St.
Proctor, George Waldo,	*Somerville*,	16 Oxford St.
Pruyn, David Herrington,	*Woonsocket, R. I.*	M. 58.
Pruyn, Frederick Stanley,	*Albany, N. Y.*	Claverly 7.
Pruyn, John Ernest,	*Woonsocket, R. I.*	M. 58.
Quigley, William Alonzo, Jr.	*Brookline*,	Everett 32.
Reece, John,	*Boston*,	Claverly 10.

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Reed, Carroll Roscoe,	*Malden*,	217 Salem St., Malden.
Reed, Philip Sidney,	*Omaha, Neb.*	30 Holyoke St.
Reed, William Gardner, Jr.	*Boston*,	Everett 57.
Reid, William Duncan,	*Newton*,	36 Hyde Ave., Newton.
Remick, John Anthony, Jr.	*Boston*,	Westmorly 105.
Richards, Edwin Mitchell,	*Newtonville*,	Randolph 11.
Richardson, George Edward,	*Lynn*,	1691 Cambridge St.
Richardson, Lester George,	*Dracut*,	18 Prescott St.
Roberts, Archibald Waldo,	*Biddeford, Me.*	10 Appian Way.
Roberts, Stanley Wellington,	*W. Somerville*,	15 Kidder Ave., W. Somer.
Robinson, Attmore,	*New York, N. Y.*	Claverly 21.
Rockwell, Lawrence Dowse,	*Pittsfield*,	P. 30.
Rockwood, Paul Converse,	*Belmont*,	Belmont.
Rowland, Henry Hosie,	*Buffalo, N. Y.*	C. 46.
Rowley, Henry Esmond,	*Brookline*,	Craigie 404.
Russell, John Winter,	*Farmington, Me.*	6 Sacramento St.
Ryder, Charles Tripp,	*Andover*,	P. 16.
Sabine, William,	*Brookline*,	5 Linden St.
Savage, Theodore Fiske,	*Newburyport*,	H'ke 22.
Sawyer, Frederic Hayward,	*Brighton*,	16 Sparhawk St., Brighton.
Sawyer, Henry Bray,	*Melrose*,	Hampden 30.
Schaefer, Albert Adam,	*Middletown, Conn.*	T. 40.
Schmidt, Walter Henry,	*Toledo, O.*	1734 Cambridge St.
Schrader, Frederick William von,	*St. Louis, Mo.*	Little's 8.
Schwartz, Jerome Louis,	*Buffalo, N. Y.*	W. 28.
Schwarzenberg, Edwin Forrest,	*Boston*,	81 Westland Ave., Boston.
Sears, Francis Bacon, Jr.	*Weston*,	Westmorly 36.
Seiffert, Otto Henry,	*Davenport, Ia.*	S. 23.
Sharon, Alfred Hugo,	*Franklin*,	16 Oxford St.
Shaughnessy, Thomas Edward,	*Concord Junction*,	Concord Junction.
Shaw, Henry Southworth, Jr.	*Boston*,	Fairfax 42.
Shea, Walter Francis,	*Malden*,	F. 9.
Sheehan, John Joseph,	*Cambridge*,	98 Walden St.
Sheldon, Eugene Lloyd,	*W. Springfield*,	C. 64.
Shepard, Otis Norton,	*Brookline*,	Hampden 40.
Shepard, Ralph Atherton,	*Brookline*,	25 Holyoke St.
Sherwin, Everett Gilman,	*Chicopee*,	C. 64.
Shohl, Walter Max,	*Cincinnati, O.*	T. 26.
Shurtleff, Howard Frank,	*Westfield*,	45 Brewster St.
Shurtleff, Harold Robert,	*Concord, N. H.*	Craigie 507.
Sicha, Frank James,	*Cleveland, O.*	C. 3.
Silver, James Horwitz,	*Cleveland, O.*	W. H. 35.
Simard, Naubert Oliver,	*Worcester*,	P. 67.

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Simpson, Thomas Marshall,	*Boston*,	84 Carver St., Boston.
Skinner, Robert Wilkinson, Jr.	*Brooklyn, N. Y.*	28 Holyoke St.
Sloan, Thomas Donaldson,	*Oswego, N. Y.*	W. 23.
Smidt, Allan Campbell Lee,	*New York, N. Y.*	9 DeWolfe St.
Smith, Harold Watson,	*Bath, Me.*	34 Linnaean St.
Smith, Robert Lawrence,	*Cambridge*,	41 Dana St.
Smith, Sumner Bridges,	*W. Duluth, Minn.*	1727 Cambridge St.
Snedeker, Karl,	*Cincinnati, O.*	T. 40.
Snow, Homer Hasbrouck,	*Hillburn, N. Y.*	W. H. 39.
Sokoll, Junius Prentiss,	*Fall River*,	378 Broadway.
Soule, Augustus Whittemore,	*New York, N. Y.*	Dana 29.
Soule, Launcelot Phelps,	*Dorchester*,	22 Mt. Auburn St.
Soule, Winsor,	*New York, N. Y.*	Dana 29.
Spencer, Frank Armington, Jr.	*New York, N. Y.*	3 Sumner St.
Spencer, Thomas Gager,	*Rochester, N. Y.*	Beck 42.
Spencer, William Ambrose,	*Cambridge*,	2 Craigie St.
Sperry, Richards Evans,	*Baltimore, Md.*	W. 23.
Spinden, Herbert Joseph,	*Tacoma, Wash.*	26 Mellen St.
Sproul, Albert Cliff,	*Roxbury*,	270 Parker Hill Ave., Rox.
Stanton, George Edgar, Jr.	*Lake Forest, Ill.*	Drayton 18.
Stanwood, Richard Russell,	*Boston*,	Dana 45.
Stephenson, Barton Kingman,	*Newton Centre*,	Craigie 401.
Stetson, John Batterson, Jr.	*Ashbourne, Pa.*	Hampden 22.
Stevens, Charles Abbott,	*Lowell*,	Read's 16.
Stillman, Edwin Babcock,	*Westerly, R. I.*	P. 28.
Storms, North,	*Evansville, Ind.*	H'ke 48.
Stowers, Burnham Cleveland,	*No. Andover*,	40 Irving St.
Strauss, Frederick,	*Lowell*,	Craigie 102.
Strauss, Leon,	*Boston*,	Ware 42.
Strauss, Maurice Jacob,	*New York, N. Y.*	F. 7.
Summers, Franklin Peale,	*Philadelphia, Pa.*	C't 35.
Swift, Francis Hathaway,	*New Bedford*,	Russell 19.
Swiggett, Douglas Worthington,	*Cincinnati, O.*	19 Ellsworth Ave.
Talbot, Max Lowell,	*Brookline*,	Hampden 6.
Talmadge, Frank Cossitt,	*Plainfield, N. J.*	Randolph 61.
Taussig, Knox,	*St. Louis, Mo.*	68 Mt. Auburn St.
Taylor, Frank Carroll,	*Pittsburg, Pa.*	Fairfax 48.
Taylor, Harold Alexander,	*Indianapolis, Ind.*	Manter 8.
Thalmann, Edward Ernest,	*New York, N. Y.*	Dunster 51.
Thayer, Gordon Woods,	*Cincinnati, O.*	T. 68.
Thayer, William Wentworth,	*Concord, N. H.*	Russell 4.
Thieriot, Ferdinand,	*So. Orange, N. J.*	5 Linden St.
Thomas, John Dana,	*Auburndale*,	Hampden 14.

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Tilney, Nicholas Lechmere,	*Orange, N. J.*	Apley 42.
Timmins, Arthur Joseph,	*Allston,*	Craigie 203.
Titcomb, Samuel,	*Augusta, Me.*	W. H. 21.
Todd, Otis Johnson,	*Blooming Valley, Pa.*	53 Dunster St.
Tower, Benjamin Curtis,	*Boston,*	Westmorly 146.
Towle, Foster,	*Amesbury,*	67 Oxford St.
Towne, Edward Bancroft, Jr.	*Palo Alto, Cal.*	5 Linden St.
Townsend, Guy Clinton,	*Nutley, N. J.*	1734 Cambridge St.
Tracy, Daniel William Bell,	*St. Louis, Mo.*	Apley 43.
Tracy, Robert Emmet,	*Charlestown,*	16 Polk St., Ch's'n.
Trieber, Harry Marshall,	*Little Rock, Ark.*	W. 18.
Tucker, Henry Guild,	*Avon,*	T. 20.
Turner, Howard Moore,	*Cambridge,*	10 Francis Ave.
Twombly, James Woodbury,	*Brookline,*	29 Kent St., B'kline.
Underhill, Ralph Irving,	*Brooklyn, N. Y.*	H'ke 37.
Varrell, William Walton,	*York Harbor, Me.*	5 Howland St.
Veenfliet, Albert Fred,	*St. Mary's, O.*	1686 Cambridge St.
Vidaud, Erving Wheelock,	*Brooklyn, N. Y.*	T. 12.
Waldo, Charles Sidney, Jr.	*Jamaica Plain,*	Fairfax 17.
Wallace, Chester,	*Clinton,*	8 Hall St., W. Somer.
Walsh, Francis Martin,	*Dorchester,*	56 Moseley St., Dor.
Ware, Charles Eliot, Jr.	*Fitchburg,*	M. 19.
Warner, Hugo John,	*Buffalo, N. Y.*	W. 28.
Warner, Joseph Everett,	*Taunton,*	Gnt. 5.
Warren, Haskell Brooks,	*Detroit, Mich.*	54 Mt. Auburn St.
Warren, Howard Lindsay,	*Alberene, Va.*	Fairfax 44.
Warren, Philip Lyon,	*Portland, Me.*	44 Brattle St.
Washburn, Harold Connett,	*New York, N. Y.*	Craigie 103.
Watkins, Thomas Webb,	*Auburndale,*	423 Broadway.
Webb, Stuart Weston,	*Brookline,*	Craigie 508.
Webster, Frederic Drew,	*Boston,*	Ware 54.
Weeks, Walter Scott,	*Malden,*	C. 39.
Wertheim, Maurice,	*New York, N. Y.*	C't 16. [Boston.
Wheeler, Arthur Loring,	*Boston,*	12 Batavia St.,
Wheeler, Frank Charles,	*Somerville,*	20 Sargent Ave.,
Wheeler, Harry Maynard,	*So. Paris, Me.*	P. 9. [Somer.
Whitcomb, Kingsley Mortimer,	*Philadelphia, Pa.*	Dana 48.
White, Amos Jedediah,	*Cambridge,*	61 Market St.
White, Alverse Lysander,	*Roxbury,*	Quincy 12.
White, Lawrence Warburton,	*Milton,*	52 Plympton St.
Whitehill, Philip John,	*No. Attleboro,*	C. 10.
Whiting, James Goddard,	*Somerville,*	16 Oxford St.
Whiting, Mason Tuxbury,	*Longwood,*	Dana 45.

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Whitman, Arthur Dudley,	*Somerville*,	242 Highland Ave., Somer.
Whitman, Alfred Freeman,	*Worcester*,	57 Wendell St.
Whitman, Harold Allen,	*Melrose*,	23 Hillside Ave., Melrose.
Whitman, Hendricks Hallett,	*Brookline*,	Claverly 20.
Whitmarsh, Harry Thaxter,	*Abington*,	C. 24.
Whitney, Franklin Snow,	*Roxbury*,	H'ke 17.
Whitney, Theodore Train, Jr.	*Milton*,	56 Mt. Auburn St.
Whittemore, Murray,	*Dorchester*,	Craigie 408.
Whittlesey, Edward Babson,	*Chelsea*,	C. 66.
Wickersham, Cornelius Wendell,	*New York, N. Y.*	5 Linden St.
Wigglesworth, Norton,	*Milton*,	48 Mt. Auburn St.
Wilber, Alonzo Cheney,	*Foxboro*,	Shepherd 10.
Wilcox, Roger Merril Hobbs,	*Portland, Me.*	381 Harvard St.
Wilder, Enos, Jr.	*Convent Station, N. Y.*	6 Holyoke St.
Will, George Francis,	*Bismarck, N. D.*	19 Irving St.
Williams, Alexander Watson,	*Washington, D. C.*	W. H. 23.
Williams, Eric Johann,	*Lockport, N. Y.*	P. 23.
Williams, William Woodward,	*Cambridge*,	14 Sumner St.
Wilson, Harry Keith,	*Bloomington, Ill.*	43 Irving St.
Wilson, Theodore Halbert,	*Cambridge*,	16 Lee St.
Winlock, Herbert Eustis,	*Washington, D. C.*	Craigie 406.
Withington, Robert,	*Boston*,	H'ke 14.
Withington, Sidney,	*Boston*,	H'ke 14.
Wood, Arthur Evans,	*Dorchester*,	C't 40.
Wood, Baldwin,	*San Francisco, Cal.*	Claverly 37.
Wood, Carl Paige,	*Taunton*,	W. H. 5.
Woodbury, Clifford Akeley,	*Woodfords, Me.*	362 Harvard St.
Wright, Frank Moore,	*Brooklyn, N. Y.*	T. 64.
Wyckoff, Joseph Ray,	*Franklin*,	C't 12.
Wye, Percy Edwin,	*Needham*,	30 Irving St.
Young, Edward Lorraine, Jr.	*No. Hanover*,	78 Walker St., Newtonville.
Yule, William Head,	*Kenosha, Wis.*	68 Mt. Auburn St.

SPECIAL STUDENTS.

Afong, Albert Fayerweather,	*Honolulu, H. T.*	Dunster 41.
Ahrens, August,	*Weehawken, N. J.*	12 Sumner St.
Alward, Roy Carleta,	*Fredericton, N. B.*	Fairfax 36.
Armstrong, Gregg,	*Montgomery, O.*	68 Mt. Auburn St.
Bacon, John,	*Swan Creek, Ill.*	19 Ellsworth Ave.
Barrett, Richard Rice,	*Concord*,	Concord.
Barron, Edward Francis,	*Mayfield, Cal.*	Beck 46.
Beede, Vincent Van Marter,	*Cambridge*,	15 Trowbridge St.

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Behr, Frederic Howell, *Morristown, N.J.* 1200 Mass. Ave.
Bohon, Elmer Clinton, B.P. (*La Belle Coll.*) 1890, B.S.D. (*Missouri Normal*) 1897, *Ben Bow, Mo.* 2 Highland Park.
Brinkman, Harry Arthur, *Warsaw, Ill.* 1663 Cambridge St.
Brown, Clinton Giddings, *San Antonio, Tex.* 42 Holyoke St.
Brown, Edward Simuel, B.S. (*Walden Univ.*) 1902, *McMinnville, Tenn.* 74 Magee St.
Burnet, Arthur Russell, *E. Orange, N.J.* 39 Ellery St.
Burns, Newell Bly, *Danvers,* P. 32.
Castleman, Breckinridge, *Louisville, Ky.* Hotel Touraine, Boston.
Colson, Harold Roy, *Cambridge,* 15 Walker St.
Conner, Maurice Vernon, *Orange,* 20 Holyoke St.
Courtney, John Joseph, *Wollaston,* 158 Highland Ave., Wollaston.
Covert, Stanley Bernard, *Farmer, N. Y.* 62 Trowbridge St.
Cronin, John Alexander, *Roxbury,* 50 Guild St., Rox.
Cross, Henry Edward, *Naugatuck, Conn.* 30 Mt. Auburn St.
Curtin, Joseph Francis, *Medford,* 42 Tufts St., Medford.
Dahl, Frederick William, A.B. (*Boston Univ.*) 1899, *Roxbury,* 25 Walnut P'k, Rox.
Davis, Carrington Lewis, A.B. (*Morgan Coll.*) 1901, *Garrison P. O., Md.* 59 Museum St.
Davis, Robert McNair, *Big Timber, Mont.* 10 Mellen St.
Davis, William Chalmers, *Norwood, N. Y.* 64 Wendell St.
Davol, Edwin Russell, *Taunton,* 245 Winthrop St., Taunton.
Drayton, Henry Coleman, *Tuxedo Park, N. Y.* Beck 23.
Dresser, Horatio Willis, *Cambridge,* 15 Langdon St.
Eastman, William Rotus, *Glen Sutton, Quebec,* Fairfax 8.
Elliott, Frank Thomas, *Syracuse, N. Y.* 5 Appian Way.
Evans, George Hampton, *Enid, Okla.* 26 Trowbridge St.
Farrelly, Theodore Slevin, *New York, N. Y.* Hampden 21.
Ficklen, Charles Leonard, *Memphis, Tenn.* 14 Park St., B'kline.
Fisher, Merton Charles, *Fall River,* T. 17.
Fitch, Ezra Charles, Jr. *Boston,* Beck 1. [Centre.
Forbes, Kenneth Ripley, *Newton Centre,* 8 Cypress St., Newton
Frothingham, Charles Mifflin, *Boston,* Hampden 7.
Fuller, Ernest Michael, *Detroit, Mich.* 863 Mass. Ave.
Gill, William Everett, *Camden, Me.* 421 Broadway.
Goldberg, Louis Isaac, *Chelsea,* 17 Walnut St., Chelsea.
Grady, James Thomas, *Winsted, Conn.* 469 Broadway.
Grantham, Herbert Albert, *Cambridge,* 12 Day St.
Gray, William Arthur, *Chicago, Ill.* 48 Brattle St.
Greenwald, Harry Marion, *Cobleskill, N. Y.* 15 Langdon St.

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Grey, Frank Herbert,	*Arlington*,	32 Addison St., Arlington.
Gribble, George William Dunning Hermann,	*Babylon, L.I., N.Y.*	36 Trowbridge St.
Griffen, David Lincoln,	*Middleburgh, N.Y.*	H. 11.
Grigg, Frederic William,	*Newtonville*,	64 Otis St., Newtonville.
Gunn, Sidney,	*Dorchester*,	95 Greenwood St., Dor.
Hamilton, Edward DePass, A.B. (*Biddle Univ.*) 1901,	*Beaufort, S.C.*	1560 Cambridge St.
Hanlon, Joseph Tilden,	*New York, N.Y.*	80 Wendell St.
Hedemann, Ferdinand Frederick,	*Honolulu, H.T.*	Fairfax 37.
Heltzén, Oscar Leonard,	*Providence, R.I.*	Providence, R.I.
Hempstead, William,	*Minneapolis, Minn.*	54 Garden St.
Hess, Edgar Albert,	*Wichita, Kan.*	51 Oxford St.
Hobbs, Irving Josiah,	*Madison, N.H.*	15 Langdon St.
Holman, Charles Richardson,	*Cambridge*,	14 Kirkland R'd.
Howard, John Raymond, Jr.	*Montclair, N.J.*	93 Tyler St., Boston.
Huntington, Michael Paul St. Agnan,	*Hanover, N.H.*	51 Oxford St.
Johnson, James Goodwin,	*Portland, Me.*	T. 24.
Johnston, William W, A.B. (*Baker Univ.*) 1902,	*Erie, Kan.*	1699 Cambridge St.
Katz, Henry,	*New York, N.Y.*	112 Salem St., Boston.
Keyes, Homer Frost,	*San Francisco, Cal.*	C. 6.
Kirkley, James Allen,	*Beckville, Tex.*	55 Frost St.
Kissock, George Alexander,	*E. Boston*,	242 Princeton St., E. Boston.
Kline, Burton,	*Williamsport, Pa.*	13 Kirkland Pl.
Lander, Charles Frank,	*Melrose*,	P. 58.
Lavandera, Miguel,	*Madrid, Spain*,	187 St. Botolph St., Boston.
Levy, Benjamin Aaron,	*Jamaica Plain*,	368 Centre St., Jam. Pl.
Lincoln, Arthur Willard,	*Boston*,	12 Howland St., Boston Highlands.
McLeod, Malcolm,	*South Hadley Falls*,	1673 Cambridge St.
Macdonald, William Stephen,	*E. Boston*,	270 E. Eagle St., E. Boston.
MacKenzie, Alton Glenn,	*St. Johnsville, N.Y.*	C. 69.
Maguire, Charles Francis,	*Roxbury*,	Craigie 203.
Marshall, George Montgomery, Jr.	*Brooklyn, N.Y.*	Ware 30.
Matsukata, Otohiko,	*Tokio, Japan*,	71 Larch R'd.
Meylan, Paul Julien,	*Cambridge*,	12 Ellsworth Ave.
Miner, Charles Everett,	*Concord*,	Concord.
Morris, Ralph Waldo,	*Richmond, Ind.*	41A Irving St.
Mueller, Omar Eugene,	*Cleveland, O.*	C't 41.
Mulroy, James Thomas, A.B. (*Boston Coll.*) 1902,	*Roxbury*,	2 Yeoman C't, Rox.
Myers, Guy Chase,	*Ashland, O.*	H'ke 16.
Neville, Roy,	*Sharon, Pa.*	1124 Mass. Ave.
Newell, Lawrence Whittier,	*Dorchester*,	Dana 36.
Oakford, Aaron Wilson,	*Peoria, Ill.*	51 Wendell St.
O'Connell, Daniel Theodore,	*New Dorchester*,	13 Bowdoin St., New Dor.

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O'Sullivan, Charles Julian,	*Lawrence*,	C. 8.
Page, Robert Eugene, A.B. (*Roger Williams Univ.*) 1901,	*Hot Springs, Ark.*	59 Museum St.
Paget, John Joseph,	*Boston*,	138 Mt. Vernon St., Boston.
Paine, George Porter,	*Athol*,	41 Wendell St.
Parkinson, John, Jr.	*Boston*,	Claverly 28.
Parks, Robin Emmet,	*Martinsville, Ind.*	1686 Cambridge St.
Perkins, Alva Harold,	*Brookline*,	96 Prescott St.
Perry, Harvey Chace,	*Westerly, R.I.*	C't 2.
Phillips, Burdette,	*Allegany, N.Y.*	63 Gorham St.
Pratt, Harry Rogers,	*Wellesley Hills*,	Wellesley Hills.
Ramsay, William Bell,	*Sharon, Pa.*	1124 Mass. Ave.
Robinson, James Thomas,	*North Adams*,	43 Irving St.
Rollo, William Egbert,	*Chicago, Ill.*	57 Brattle St.
Ronimus, Arthur Dyer,	*Brookline*,	Read's 30.
Rosenberg, Harry Moses,	*Evanston, Ill.*	Craigie 506.
Runkle, John Cornelius,	*Cambridge*,	15 Everett St.
Sands, William J.	*Jersey Shore, Pa.*	55 Frost St.
Seabury, Joseph Stowe,	*Wellesley Hills*,	Craigie 104.
Sedgwick, Henry Renwick,	*New York, N.Y.*	Randolph 34.
Shannon, Paul Herbert,	*Jamaica Plain*,	247 Lamartine St., Jam. Pl.
Smith, John Joseph,	*E. Boston*,	228 Bennington St., E. Boston.
Snell, Edwin Fitzson,	*W. Newton*,	40 Lincoln P'k, W. Newton.
Spencer, Harold Gordon,	*Honolulu, H.T.*	54 Dunster St.
Squires, Beaton Hall,	*Cambridge*,	84 Wendell St.
Sullivan, Humphrey Joseph,	*Charlestown*,	5 Putnam St., Ch's'n.
Sullivan, John Joseph,	*Cambridge*,	34 Mt. Pleasant St.
Sullivan, James Thomas,	*Charlestown*,	4 Prospect Ave., Ch's'n.
Thayer, Arthur Linwood,	*Charleston, Me.*	Craigie 403.
Upham, Harry Warren,	*Malden*,	285 Clifton St., Malden.
Van Wye, Benjamin Carlton,	*Warren, O.*	D. 13.
Weissert, Charles Adams,	*Hastings, Mich.*	H'ke 28.
Westenholz, Albert Wilhelm von,	*Hamburg, Ger.*	391 Harvard St.
White, Joseph Lyman,	*Cambridge*,	29 Reservoir St.
Williams, Robert Hector,	*Chicago, Ill.*	W. H. 1.

SUMMARY.

Seniors	381
Juniors	420
Sophomores	578
Freshmen	608
Special Students	122
Total	2109

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THE LAWRENCE SCIENTIFIC SCHOOL.

Achorn, Kendall Lincoln,	4	Hyg.	*Boston.*
Adams, Kilburn Elie,	4	Mech. Engin.	*Cambridge.*
Adams, Matthew Prior,	3	Sci. T.	*E. Boston.*
Adams, Stuart Corlies,	2	Gen. Sci.	*Brooklyn, N. Y.*
Ainsworth, George Raymond,	4	Arch.	*Brookline.*
Aldrich, Raymond Woodberry,	3	Land. Arch.	*Woburn.*
Andrews, Harry Wood,	2	Civ. Engin.	*Cambridge.*
Andrus, Leonard Alexander,	1	Civ. Engin.	*Dixon, Ill.*
Apted, Charles Robert,	*S.*	Civ. Engin.	*Cambridge.*
Arensberg, Francis Louis,	3	Gen. Sci.	*Oakmont, Pa.*
Armstrong, George Peters,	4	Sci. T.	*Belmont.*
Ayer, Edward Melvin,	4	Mech. Engin.	*Roxbury.*
Bailey, Curtis Patterson,	1	Gen. Sci.	*Philadelphia, Pa.*
Baker, Harold Woods,	4	Hyg.	*Auburndale.*
Baldwin, James Rumford,	2	Civ. Engin.	*Woburn.*
Bancroft, Joseph Bubier, 2d,	4	Gen. Sci.	*Hopedale.*
Bangs, Eli Gaynor,	*S.*	Civ. Engin.	*New York, N. Y.*
Barklage, Walter Frederick,	1	Elec. Engin.	*St. Louis, Mo.*
Barrett, Harold James,	1	Mining.	*Cambridge.*
Barrett, Robert Edward,	*S.*	Civ. Engin.	*Framingham.*
Barry, John William,	*S.*	Civ. Engin.	*Tradesville, Pa.*
Bartsch, Rudolf Carl Björn,	2	Chem.	*W. Roxbury.*
Batchelder, William Osgood,	2	Elec. Engin.	*Salem.*
Batten, Rollin Morgan,	2	Hyg.	*Brooklyn, N. Y.*
Bauer, Charles Humphrey,	2	Hyg.	*Jamaica Plain.*
Bauer, Frank Robert,	3	Mech. Engin.	*Bradford, Pa.*
Baumgarten, Karl,	4	Mining.	*St. Louis, Mo.*
Baxter, William Mitchell, Jr.	2	Elec. Engin.	*Cambridge.*
Beal, Albert Reynolds,	2	Gen. Sci.	*New York, N. Y.*
Becker, Sidney Kent,	1	Mech. Engin.	*Buffalo, N. Y.*
Beebe, Manly Colton,	*S.*	Arch.	*Pleasantville, Pa.*
Belden, George Frederick, Jr.	*S.*	Elec. Engin.	*San Francisco, Cal.*
Bell, John William,	1	Hyg.	*Somerville.*
Bergson, Samuel,	1	Mining.	*Dorchester.*

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Bezerra, Demetrio Nunes,	*S.*	Mech. Engin.	*Para, Brazil.*
Bickley, Lloyd Wharton,	3	Elec. Engin.	*Arlington.*
Biddle, William Eugene, Jr.	2	Gen. Sci.	*Amesbury.*
Bishop, Hartwell,	3	Civ. Engin.	*New York, N. Y.*
Bleakie, Robert Maxwell,	3	Gen. Sci.	*Brookline.*
Blodgett, John Henry,	2	Gen. Sci.	*Brookline.*
Blossom, Carl Woodruff,	3	Gen. Sci.	*E. Cleveland, O.*
Boggs, Francis Goodnow,	1	Hyg.	*Cambridge.*
Bolles, Matthew,	2	Gen. Sci.	*Jamaica Plain.*
Bowman, Isaiah,	3	Gen. Sci.	*Brown City, Mich.*
Boylston, Herbert Melville,	4	Chem.	*Ridgewood, N.J.*
Boylston, Samuel Shoemaker,	*S.*	Mining.	*New York, N. Y.*
Bradlee, Dudley Hall, Jr.	3	Mining.	*Medford.*
Breed, Archer Fuller,	1	Elec. Engin.	*Lynn.*
Brewer, Robert Edward,	*S.*	Mining.	*Boston.*
Brock, Sidney Frederick Tyler,	1	Mining.	*Philadelphia, Pa.*
Brooks, Laurence,	*S.*	Hyg.	*Boston.*
Brown, Floyd Andrews,	*S.*	Chem.	*Deposit, N. Y.*
Brown, Harold Irving,	1	Biology.	*Waverley.*
Brown, William Horton,	*S.*	Mech. Engin.	*Marblehead.*
Browne, Parker Richardson,	2	Mining.	*Malden.*
Bruce, Cyrus William,	1	Arch.	*Allston.*
Bryant, Russell Willett,	2	Elec. Engin.	*Buffalo, N. Y.*
Bucke, John Heath,	1	Elec. Engin.	*Cambridge.*
Buffum, Fred Stephen,	2	Civ. Engin.	*Apalachicola, Fla.*
Bullard, Lawrence, A.B. 1901,	2	Land. Arch.	*Roxbury.*
Bullen, Roy,	2	Civ. Engin.	*Richmond, Utah.*
Bunting, Ralph Valentine,	2	Mech. Engin.	*Brookline.*
Burchard, Leeds,	1	Hyg.	*Little Compton, R.I.*
Burden, Arthur Scott,	2	Gen. Sci.	*New York, N. Y.*
Burns, Arthur Henry,	1	Mining.	*Worcester.*
Burns, Thomas Richard,	1	Mining.	*Watertown.*
Burrill, Alfred Cummings,	2	Biology.	*No. Brookfield.*
Butler, Alfred Munson, A.B. 1902,	4	Chem.	*Worcester.*
Butler, Merrill Philip,	4	Gen. Sci.	*Newton Centre.*
Campbell, Arthur Roy,	4	Sci. T.	*Cambridge.*
Campbell, Robert Graeme,	*S.*	Mech. Engin.	*New York Mills, N. Y.*
Carlton, Frank Carr,	2	Biology.	*Salem.*
Carrick, Frederick Arthur,	1	Mech. Engin.	*Cambridge.*
Casáres, Primitivo Cámara,	*S.*	Elec. Engin.	*Merida, Yucatan.*
Chadbourne, Frank Merriam,	*S.*	Civ. Engin.	*San Francisco, Cal.*
Chapin, Allen Granger,	4	Elec. Engin.	*Somerville.*
Chickering, Tileston, S.B. 1902,	4	Civ. Engin.	*Milton.*

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Child, Stephen, S.B. (*Mass. Inst. Tech.*) 1888,	*S.*	Land. Arch.	*Auburndale.*
Churchill, Edmund Parker,	4	Gen. Sci.	*Chelsea.*
Clapp, Richard Elbridge,	1	Mining.	*Dedham.*
Clark, Davis Wasgatt, Jr.	*S.*	Arch.	*Cincinnati, O.*
Clark, Edward Nathaniel,	4	Gen. Sci.	*Natick.*
Clark, Seth, Jr.	4	Gen. Sci.	*Amesbury.*
Clark, Thomas Roy,	2	Gen. Sci.	*Bradford, Pa.*
Clark, William Armstrong,	1	Gen. Sci.	*Cincinnati, O.*
Clark, William Moulton,	4	Mining.	*Ansonia, Conn.*
Clarke, Alexander Fielder,	1	Gen. Sci.	*Pittsburg, Pa.*
Clarkson, Walter,	3	Gen. Sci.	*Cambridge.*
Clerk, William Graham, A.B. 1901,	2	Chem.	*Roxbury.*
Clokey, Ira Waddell,	4	Mining.	*Decatur, Ill.*
Cloud, Frederick Wills,	2	Elec. Engin.	*Chicago, Ill.*
Coburn, Horace Butterfield, Jr.	1	Mech. Engin.	*Lowell.*
Coburn, Ralph George,	2	Gen. Sci.	*So. Duxbury.*
Coffin, Francis Parkman,	2	Elec. Engin.	*Brookline.*
Coffin, Leslie Roland,	*S.*	Elec. Engin.	*Goldfield, Colo.*
Coggins, William Leslie,	*S.*	Sci. T.	*So. Hancock, Me.*
Cohen, Samuel Nathaniel,	3	Sci. T.	*Boston.*
Coleman, Francis Hamilton,	3	Gen. Sci.	*Dorchester.*
Coleman, Harold,	*S.*	Chem.	*Dorchester.*
Collings, George Boswell Morey,	2	Gen. Sci.	*Cleveland, O.*
Collins, Patrick Henry Meade, A.B. (*Boston Coll.*) 1902,	2	Mech. Engin.	*Whitman.*
Collner, William Harrison,	1	Elec. Engin.	*St. Petersburg, Pa.*
Cone, George Carroll,	4	Land. Arch.	*Watertown.*
Converse, Herbert Lewis,	1	Arch.	*Brookline.*
Cook, William Boyd,	2	Civ. Engin.	*Cambridge.*
Copeland, Manton,	*S.*	Biology.	*Taunton.*
Corry, Johnathon Henry,	*S.*	Mech. Engin.	*Ottawa, Ont.*
Coutant, John Karlton,	*S.*	Mining.	*Newburgh, N. Y.*
Coxe, Edmund James Drifton,	4	Mining.	*Drifton, Pa.*
Craig, Charles Robert,	*S.*	Civ. Engin.	*Concord.*
Crane, Roy Elwood,	2	Sci. T.	*Somerville.*
Crane, Richard Teller, 3d,	3	Gen. Sci.	*Chicago, Ill.*
Cross, Eliot Buchanan,	*S.*	Arch.	*New York, N. Y.*
Cudahy, Edward Ignatius,	3	Gen. Sci.	*Chicago, Ill.*
Curtis, Edmund de Forest,	1	Gen. Sci.	*Philadelphia, Pa.*
Cushing, Sumner Webster,	4	Gen. Sci.	*Brockton.*
Cushman, Joseph Augustine,	4	Biology.	*Bridgewater.*
Cutter, Harold Francis,	2	Mech. Engin.	*Brookline.*

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Cutting, Chester Joseph,	2	Mech. Engin.	*Waltham.*
Davis, Nelson Clifton,	*S.*	Hyg.	*Providence, R.I.*
Davis, Stewart,	*S.*	Biology.	*Narragansett Pier, R.I.*
Davol, Frank Herbert, Jr.	4	Mech. Engin.	*Brooklyn, N. Y*
Deland, Benjamin,	3	Mining.	*Springfield.*
DeLong, Harold Clark,	3	Mining.	*New Dorchester.*
Dexter, Wilson Chase,	1	Gen. Sci.	*Brookline.*
Dinsmoor, William Bell,	1	Arch.	*Jamaica Plain.*
Ditmars, Harold Edward,	1	Civ. Engin.	*Brooklyn, N. Y.*
Dittman, George Frederick,	2	Elec. Engin.	*Cincinnati, O.*
Dodge, Clyde Raymond,	1	Civ. Engin.	*Haverhill.*
Dorr, Richard Charles,	3	Elec. Engin.	*Worcester.*
Douthart, Thomas Marshall,	*S.*	Chem.	*Cambridge.*
Downs, Daniel Frederick,	4	Gen. Sci.	*Brooklyn, N. Y.*
Dowse, Granton Hall,	*S.*	Arch.	*Boston.*
Dresser, Jean Paul,	*S.*	Arch.	*Yarmouth, Me.*
Drury, William Clark,	*S.*	Mech. Engin.	*Waltham.*
DuBois, Delafield,	3	Elec. Engin.	*New York, N. Y.*
Dudley, John Charles,	3	Elec. Engin.	*Wilkinsonville.*
Dunbar, Davis Townsend,	2	Gen. Sci.	*Buffalo, N. Y.*
Durant, Aldrich, A.B. 1902,	4	Mech. Engin.	*Cambridge.*
Eames, Horace Lovell,	4	Civ. Engin.	*Washington Depot, Conn.*
Eaves, Frederic Beaumont,	1	Hyg.	*Roxbury.*
Eayrs, Thomas Coggeshall,	2	Civ. Engin.	*Cambridge.*
Ebert, Clarence Engelbert,	1	Sci. T.	*Wallingford, Conn.*
Edgerton, Frederick William,	4	Sci. T.	*New London, Conn.*
Edwards, Dean Gray,	3	Civ. Engin.	*Somerville.*
Edwards, Daniel Mann, Jr.	1	Chem.	*Woonsocket, R.I.*
Ellis, Theodore Hickling,	3	Mining.	*St. Leonard's-on-Sea, Sussex, [England.*
Ely, Frederick Burchard,	2	Gen. Sci.	*Hoosick Falls, N. Y.*
Emerson, Joseph Wilson,	2	Mining.	*Whitehall, N. Y.*
Esselen, William Brigham,	*S.*	Elec. Engin.	*Roslindale.*
Estep, Robert Guy,	4	Sci. T.	*Akron, O.*
Evans, Hornsby,	3	Gen. Sci.	*Vancouver Bks, Wash.*
Farnham, Harold Sumner,	1	Mech. Engin.	*Cambridge.*
Farrington, Derby, A.B. 1900,	3	Elec. Engin.	*Lowell.*
Fay, Theodore Bradshaw, A.B. 1902,	*S.*	Arch.	*Washington, D.C.*
Feist, Simon Leopold,	1	Gen. Sci.	*Cincinnati, O.*
Fenno, Stanley Warner,	3	Sci. T.	*Revere.*
Fisher, Charles Heber,	3	Elec. Engin.	*Whitesboro, Del.*
Fitzhugh, Earl Hopkins, Jr.	1	Civ. Engin.	*St. Albans, Vt.*

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Flagg, Charles Munroe,	2	Gen. Sci.	*Cambridge.*
Flint, Philip Witter,	1	Hyg.	*Worcester.*
Floyd, Charles Harold,	4	Gen. Sci.	*Readville.*
Foley, Frederick Francis,	*S.*	Elec. Engin.	*Ayer.*
Forrest, Thomas Edwin,	1	Gen. Sci.	*New York, N. Y.*
Forsman, Stanton Watson, S.B. 1901,	3	Mining.	*Williamsport, Pa.*
Fosdick, Clark,	1	Mech. Engin.	*New York, N. Y.*
Fosdick, Paulding,	1	Chem.	*New York, N. Y.*
Foster, John Winthrop,	4	Gen. Sci.	*Brookline.*
Fowle, Leonard M,	*S.*	Mech. Engin.	*Woburn.*
Fox, Austen Hoppin,	4	Gen. Sci.	*New York, N. Y.*
Fox, Henry Heywood, A.B. 1900,	4	Civ. Engin.	*Cambridge.*
Fox, John Murray,	4	Mining.	*Detroit, Mich.*
Fox, Philip,	4	Civ. Engin.	*Brookline.*
Fraser-Campbell, Evan,	1	Mining.	*New York, N. Y.*
French, Charles Hibbard,	4	Sci. T.	*Braintree.*
Fromholz, Max,	*S.*	Hyg.	*New York, N. Y.*
Frye, John Howard,	1	Mining.	*Cambridge.*
Fuller, Robert Gorham,	3	Gen. Sci.	*Brookline.*
Fulton, John, S.B. (*Oregon Agric. Coll.*) 1892, S.M. (*ibid.*) 1900,	4	Gen. Sci.	*Corvallis, Ore.*
Fultz, Clarence Ainslie,	1	Elec. Engin.	*Winchester.*
Garfield, Chester Arthur,	3	Civ. Engin.	*Cambridge.*
Garfield, Walter Thompson,	1	Hyg.	*Cambridge.*
Gately, William,	1	Gen. Sci.	*Chelsea.*
Gilbert, Fitch, Jr.	1	Gen. Sci.	*Gilbertsville, N. Y.*
Gillette, Ernest Eckert,	2	Hyg.	*Melrose Highlands.*
Gilman, Charles,	3	Mech. Engin.	*Cambridge.*
Gittens, Herbert Wyndham,	1	Mech. Engin.	*Hastings, Barbados, W.I.*
Glover, John Herbert Henry,	4	Sci. T.	*So. Boston.*
Goble, Frank Newton,	*S.*	Civ. Engin.	*Woodstock, Ont.*
Gohring, William Bowen,	2	Mining.	*W. Somerville.*
Goodrich, Lyman Calvin,	*S.*	Mining.	*No. Adams.*
Gorton, Fred Darwin,	*S.*	Elec. Engin.	*Newton Highlands.*
Gould, Chester Mason,	2	Civ. Engin.	*Lowell.*
Graydon, Thomas Hetherington,	4	Gen. Sci.	*Cincinnati, O.*
Gregory, William Mumford,	2	Geology.	*Jonesville, Mich.*
Griffin, Hancock,	1	Gen. Sci.	*New York, N. Y.*
Grinnell, Harold Duncan,	4	Arch.	*New Bedford.*
Groves, James Morgan,	2	Hyg.	*Coudersport, Pa.*
Guild, Robert Francis,	1	Hyg.	*Boston.*
Gurney, Albert William,	*S.*	Land. Arch.	*Forge Village.*

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Hackett, Leon Abbott,	3	Mech. Engin.	*Auburndale.*
Haggin, Louis Lee,	*S.*	Mining.	*New York, N. Y.*
Hale, Herbert Miller,	3	Civ. Engin.	*Somerville.*
Hall, Philip Farrington,	2	Gen. Sci.	*No. Cohasset.*
Hall, Robert Granville,	2	Hyg.	*Worcester.*
Hamlen, Joseph Rochemont,	1	Gen. Sci.	*Portland, Me.*
Hammond, Paul Lyman,	*S.*	Sci. T.	*Scituate.*
Hammond, Richard Eddy,	4	Gen. Sci.	*San Francisco, Cal.*
Hammond, Roger Noel,	*S.*	Sci. T.	*Scituate.*
Hansen, Niels M, Jr.	3	Civ. Engin.	*Logan, Utah.*
Hardenbergh, Henry,	3	Chem.	*No. Adams.*
Harrington, Charles Mayo,	*S.*	Arch.	*Worcester.*
Harrison, Edwin Sterne,	2	Civ. Engin.	*St. Louis, Mo.*
Harrison, Walter Thacher,	2	Gen. Sci.	*Braintree.*
Harvey, Benjamin Calvin,	4	Sci. T.	*Burden, N. Y.*
Haskell, Adam Leopold, S.B. (*Virginia Polyt. Instit.*) 1902,	4	Mech. Engin.	*Columbia, S. C.*
Haskell, George Edwin,	1	Hyg.	*Chelsea.*
Hatch, Ralph Augustus,	4	Hyg.	*Ipswich.*
Hazard, Isaac Peace,	2	Elec. Engin.	*Peace Dale, R. I.*
Head, Natt Samuel,	*S.*	Civ. Engin.	*Battle Lake, Minn.*
Hellmann, Robert Richard,	*S.*	Chem.	*Cincinnati, O.*
Henderson, John Fletcher,	2	Mech. Engin.	*Johnstown, Pa.*
Hendrickson, Charles John,	1	Elec. Engin.	*Middletown, N. J.*
Hering, Ardo,	*S.*	Chem.	*New York, N. Y.*
Hersey, Harold Waters,	2	Hyg.	*Hingham.*
Hess, Frank Jaeger,	2	Sci. T.	*Everett.*
Hichborn, Philip Simmons,	1	Gen. Sci.	*Washington, D. C.*
Hickey, Charles Hendee,	3	Chem.	*New Dorchester.*
Higbee, John Ames,	2	Mech. Engin.	*Burlington, Ia.*
Hill, Charles Goodwin,	1	Gen. Sci.	*Worcester.*
Hirsch, Louis,	*S.*	Chem.	*Wilkesbarre, Pa.*
Hodges, Charles Davis,	1	Gen. Sci.	*Boston.*
Hogan, John Philip,	3	Civ. Engin.	*Geneva, Ill.*
Holbrook, Harold Edwin,	4	Biology.	*Milwaukee, Wis.*
Hollins, Harry Boley, Jr.	3	Gen. Sci.	*New York, N. Y.*
Holt, Gustavus Benjiman,	2	Gen. Sci.	*Waverley.*
Holz, Herman Alfred,	*S.*	Mech. Engin.	*Cincinnati, O.*
Hood, Edward Oakman,	2	Gen. Sci.	*Wellesley Hills.*
Hooper, Clifton Edward,	1	Gen. Sci.	*Cambridge.*
Hopkins, Amos Lawrence, 2d,	2	Gen. Sci.	*Washington, D. C.*
Howe, Dudley Rogers,	*S.*	Geology.	*Longwood.*
Howes, Donald Winthrop,	4	Gen. Sci.	*Newton.*

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Howland, Edward Sands,	1	Mining.	*Cambridge.*
Hubbard, Gardiner Greene, A.B. 1900,	2	Arch.	*Cambridge.*
Hubbard, Robert Arnold,	3	Chem.	*Roxbury.*
Humbert, Frank Utt,	*S.*	Mining.	*Cambridge.*
Hunt, Merrill,	3	Gen. Sci.	*Boston.*
Hunt, William Lloyd,	2	Mech. Engin.	*Cincinnati, O.*
Hunting, Eugene Nathan,	4	Mech. Engin.	*Plymouth.*
Huntington, Howard Edward,	3	Civ. Engin.	*San Francisco, Cal.*
Huntress, George Lewis, Jr.	*S.*	Mech. Engin.	*Winchester.*
Hurd, William Minot,	3	Gen. Sci.	*Winchester.*
Ingram, Carl Edward,	*S.*	Civ. Engin.	*Indianapolis, Ind.*
Ingram, Horace Colby,	2	Arch.	*Indianapolis, Ind.*
Jackson, Edmund Earl,	*S.*	Civ. Engin.	*Hannibal, Mo.*
Jackson, Herbert Arnold,	2	Gen. Sci.	*New Haven, Conn.*
James, Arthur Austin,	*S.*	Mech. Engin.	*Waterford, Va.*
Jeffery, William Lewis,	2	Elec. Engin.	*Gloucester.*
Jewett, Victor Francis,	1	Gen. Sci.	*Lowell.*
Johnson, Aymar,	1	Gen. Sci.	*New York, N. Y.*
Johnson, Granville,	3	Mech. Engin.	*Boston.*
Johnson, Harold Cortez,	2	Gen. Sci.	*Milwaukee, Wis.*
Jones, John Tazewell,	2	Civ. Engin.	*Old Point Comfort, Va.*
Jones, Shadrach Carrington,	1	Civ. Engin.	*Cliftondale.*
Jones, Wallace St. Clair,	2	Elec. Engin.	*Washington, D.C.*
Jones, Wyatt Wagner, S.B. (*Montana Coll. of A. and M.*) 1901, S.M. (*ibid.*) 1902,	4	Biology.	*Bozeman, Mont.*
Jopling, Morgan White,	*S.*	Elec. Engin.	*Marquette, Mich.*
Jordan, Wallace Bishop,	1	Civ. Engin.	*Springfield.*
Ju, Schuck,	*S.*	Chem.	*Boston.*
Judd, Arthur Curtis,	1	Elec. Engin.	*Brookline.*
Julian, William Ernest, M.S. (*Southwestern Univ.*) 1900,	2	Mining.	*Frankford, Tex.*
Kellogg, Harold Field,	1	Arch.	*Cambridge.*
Kellogg, Henry Johonnott,	2	Chem.	*Winchester.*
Kent, William, Jr.	2	Gen. Sci.	*Tuxedo, N. Y.*
Kernan, Hubert Dolbeare,	2	Mech. Engin.	*New York, N. Y.*
Kernan, Robert Peebles,	4	Gen. Sci.	*New York, N. Y.*
Kerr, John Arbuckle,	*S.*	Civ. Engin.	*Allegheny, Pa.*
Kesselhuth, Frederick Augustus,	2	Mining.	*Roslindale.*
Keyser, George Depue,	2	Civ. Engin.	*Salt Lake City, Utah.*
Kilduff, George Lyford,	1	Mining.	*Cambridge.*
Kilmer, Frederick Mills, Jr.	3	Mining.	*Somerville.*

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Kimball, Bernard Marshall,	*S.*	Mech. Engin.	*Littleton.*
Kimball, Ernest Robbins,	1	Civ. Engin.	*Somerville.*
Kinsley, Allan Duncan,	1	Mining.	*Newton.*
Kirmayer, Henry William,	4	Sci. T.	*Cambridge.*
Knight, William Horatio,	4	Chem.	*Hopedale.*
Knowlton, Arthur Reid,	*S.*	Chem.	*Rockport.*
Kohler, Charles Wendell,	*S.*	Chem.	*Arlington.*
Krokyn, Jacob Frederick,	2	Arch.	*Boston.*
Lawrence, Augustine,	3	Mining.	*Nantucket.*
Lawson, Carl,	2	Civ. Engin.	*Auburndale.*
Lawton, George,	2	Gen. Sci.	*Rye, N. Y.*
Leatherbee, Robert William,	*S.*	Civ. Engin.	*W. Newton.*
Lee, Charles Creighton,	1	Gen. Sci.	*New York, N. Y.*
Leighton, Robert Fowler,	*S.*	Elec. Engin.	*Ashmont.*
Lennox, Loring Cowgill,	2	Mining.	*Colorado Springs, Colo.*
Lester, Daniel Henry,	2	Mech. Engin.	*Bradford, Pa.*
Levine, Joseph Malcolm,	2	Gen. Sci.	*Boston.*
Lewis, James Bradford, Jr.	1	Mining.	*Walpole.*
Lewis, John Robert,	2	Elec. Engin.	*Hoosick Falls, N. Y.*
Libbey, Miles Augustus,	1	Mech. Engin.	*W. Newton.*
Lindsley, Thayer,	3	Civ. Engin.	*Milton.*
Linehan, Jerome Charles,	4	Gen. Sci.	*Cambridge.*
Litchfield, Bayard Sands,	4	Gen. Sci.	*Brooklyn, N. Y.*
Littig, William Thomas,	1	Arch.	*Davenport, Ia.*
Little, Edward Revere,	3	Gen. Sci.	*Brookline.*
Long, Joseph Abraham,	3	Biology.	*Allegheny, Pa.*
Loomis, Dudley Lathrop,	3	Gen. Sci.	*Cambridge.*
Lorillard, Beeckman,	1	Biology.	*Newport, R.I.*
Lucas, José Goncalves,	*S.*	Mech. Engin.	*Boston.*
Lupien, Ulysses John,	1	Mech. Engin.	*Cochituate.*
Lutz, Roger Henry,	*S.*	Biology.	*Dedham.*
Lyman, James Otis,	1	Civ. Engin.	*Bellport, N. Y.*
McArthur, Albert Chase,	2	Gen. Sci.	*Chicago, Ill.*
McAvity, Allan Getchell,	3	Mech. Engin.	*St. John, N.B.*
McCartney, William Singerly,	1	Gen. Sci.	*Overbrook, Pa.*
McClinton, Donald Nesbit,	3	Mech. Engin.	*Steubenville, O.*
McClure, Graham Traquair,	1	Gen. Sci.	*Philadelphia, Pa.*
McGirr, Edward Bartholomew,	*S.*	Arch.	*Cambridge.*
McIntosh, Frederick Fleming,	4	Mining.	*Sewickley, Pa.*
McKaig, William Wallace,	1	Mech. Engin.	*Cumberland, Md.*
McNamara, James Martin,	1	Sci. T.	*Fitchburg.*
Maglathlin, Leon Edward,	2	Hyg.	*W. Bridgewater.*
Maltby, Charles Edward,	3	Gen. Sci.	*Boston.*

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Manahan, Paul Revere,	1	Gen. Sci.	*Boston.*
Manning, John Brown,	4	Hyg.	*Wollaston.*
Manning, John Francis,	2	Mining.	*Medford.*
Mark, Clarence,	1	Gen. Sci.	*Chicago, Ill.*
Martin, Robert Thomas,	*S.*	Sci. T.	*Toronto, Can.*
Marvin, Joseph Benson, Jr.	2	Gen. Sci.	*Louisville, Ky.*
Marvin, Joseph Edward,	4	Sci. T.	*Bridgeport, Conn.*
Mason, James Servetus, 3d,	3	Gen. Sci.	*Germantown, Pa.*
May, Henry Coleman,	*S.*	Arch.	*Washington, D.C.*
Mead, Augustus,	1	Gen. Sci.	*Greenwich, Conn.*
Mead, Henry Eckert,	4	Mining.	*Somerville.*
Meem, Gilbert Simrall, Jr., A.B. 1902,	3	Elec. Engin.	*Seattle, Wash.*
Meier, Clement Ross Duncan,	2	Mech. Engin.	*New York, N. Y.*
Mendelsohn, Charles,	2	Mining.	*Boston.*
Merrill, Roger,	*S.*	Mining.	*Boston.*
Milinowski, Arthur Siegfried,	3	Civ. Engin.	*Buffalo, N. Y.*
Millard, Jean Sears,	2	Hyg.	*Roxbury.*
Monks, Archibald Greenough,	3	Mech. Engin.	*Brookline.*
Montoulieu de Latorre, Edward, A.B. (*Havana Univ.*) 1898,	3	Mining.	*Puerto Principe, Cuba.*
Montoulieu de Latorre, Henry, A.B. (*Havana Univ.*) 1897,	3	Civ. Engin.	*Puerto Principe, Cuba.*
Moore, Edward Clement,	2	Arch.	*New Orleans, La.*
Moore, James Clyde,	3	Gen. Sci.	*W. Stockbridge.*
Moore, Lucas William,	1	Gen. Sci.	*New Orleans, La.*
Morgan, Henry,	2	Elec. Engin.	*New York, N. Y.*
Morgan, James Cutler,	*S.*	Mining.	*Cambridge.*
Moses, Percy Lawrence,	1	Elec. Engin.	*Chelsea.*
Mott, Lawrence,	1	Gen. Sci.	*Boston.*
Moynahan, James Joseph,	2	Civ. Engin.	*New York, N. Y.*
Muir, Philip Howie,	2	Mining.	*Detroit, Mich.*
Mullowney, John James,	*S.*	Hyg.	*Cambridge.*
Murphy, Francis Joseph,	2	Civ. Engin.	*Charlestown.*
Murphy, Frederick William,	1	Chem.	*Dorchester.*
Nash, Herbert, Jr.	2	Civ. Engin.	*Boston.*
Newell, George Russell,	2	Civ. Engin.	*Rochester, N. Y.*
Newhall, Alfred Seymour,	1	Gen. Sci.	*Lynn.*
Newhall, Francis Watriss,	2	Gen. Sci.	*Jamaica Plain.*
Newman, Bruno,	2	Mining.	*Dorchester.*
Nickerson, Harold,	2	Gen. Sci.	*Lowell.*
Notman, Arthur,	4	Gen. Sci.	*Brooklyn, N. Y.*
Notman, Howard,	4	Gen. Sci.	*Brooklyn, N. Y.*

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Noyes, Arthur Wallace,	4	Gen. Sci.	*Gardner.*
Nurenburg, Lewis Irving,	2	Hyg.	*Roxbury.*
Nutting, Philip Albert,	2	Hyg.	*Cambridge.*
O'Brien, Paul,	3	Hyg.	*Pittsburg, Pa.*
Oelrichs, Charles de Loosey,	1	Mining.	*Newport, R. I.*
O'Keefe, Jeremiah Bernard,	*S.*	Sci. T.	*Charlestown.*
Osgood, Edward Holyoke,	2	Arch.	*Salem.*
Otero y Galarraga, Ralph, A.B. (*Havana Univ.*) 1898,	*S.*	Arch.	*Havana, Cuba.*
Owens, Hiram Hercules, S.B. (*Williamsburg Inst.*) 1900,	2	Sci. T.	*Coalport, Ky.*
Packard, Leonard Oscar,	3	Gen. Sci.	*Rockville, Me.*
Paehtz, Arthur Julius,	2	Elec. Engin.	*Dorchester.*
Page, James Goodridge,	3	Gen. Sci.	*Bradford.*
Page, Maurice Joel,	*S.*	Mining.	*Newton Highlands.*
Palmer, John Lothair,	2	Gen. Sci.	*Newtonville.*
Parker, Henry Cooper,	2	Mining.	*Wellsville, Utah.*
Parker, Howard Wright,	*S.*	Civ. Engin.	*Brookline.*
Parker, Stanley Brampton,	2	Gen. Sci.	*Cambridge.*
Parsons, Ernst Mey,	4	Gen. Sci.	*Boston.*
Parsons, Harold Woodbury,	1	Gen. Sci.	*Boston.*
Paton, Arthur David,	3	Chem.	*Yonkers, N. Y.*
Paton, Hugh Swale,	*S.*	Arch.	*Yonkers, N. Y.*
Patterson, John Johnston,	2	Gen. Sci.	*Dayton, O.*
Patterson, Philip Merrill,	2	Elec. Engin.	*Arlington Heights.*
Peirce, Edwin Hoyt,	4	Gen. Sci.	*Everett.*
Pemberton, Frank Arthur,	1	Hyg.	*Auburndale.*
Penhallow, Dunlap Pearce,	4	Hyg.	*Portsmouth, N.H.*
Perry, John Prince Hazen,	4	Civ. Engin.	*New York, N. Y.*
Persons, Clair George,	4	Sci. T.	*Cambridge.*
Peters, George Anton,	1	Elec. Engin.	*Newport, R. I.*
Pettebone, Lauren Augustus,	2	Mining.	*Buffalo, N. Y.*
Pevear, Edward Clement,	*S.*	Mech. Engin.	*Peabody.*
Phipps, Harrie Jean,	4	Sci. T.	*Watertown.*
Pierce, Robert Ffrench,	*S.*	Mining.	*Salem, Ia.*
Piper, William Thomas,	4	Mech. Engin.	*Derby, N. Y.*
Pleasonton, Frank Rodney,	*S.*	Mech. Engin.	*Philadelphia, Pa.*
Pomeroy, Henry King,	*S.*	Biology.	*Chicago, Ill.*
Poor, Frederic Hedge,	3	Elec. Engin.	*Morristown, N. J.*
Poulterer, William Taylor,	1	Mech. Engin.	*Philadelphia, Pa.*
Prado, Cassio da Silva,	*S.*	Elec. Engin.	*Sao Paulo, Brazil.*
Pratt, Horatio Whittemore,	2	Hyg.	*Grafton.*
Preston, James Frederick, Jr.	1	Civ. Engin.	*Somerville.*

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Proal, Pierre Alexis,	1	Gen. Sci.	*New York, N. Y.*
Proudfoot, Arnold Smith, A.B. 1902,	4	Mech. Engin.	*Cambridge.*
Pumpelly, Raphael Welles,	2	Mining.	*Newport, R.I.*
Purcell, Herbert William,	2	Elec. Engin.	*Somerville.*
Putnam, Eliot Thwing, A.B. 1901,	3	Arch.	*Roxbury.*
Quackenbush, Harry Sargeant,	1	Elec. Engin.	*Schenectady, N. Y.*
Rafferty, Donald George,	1	Hyg.	*Pittsburg, Pa.*
Rand, Roland Bradbury,	1	Civ. Engin.	*Kendal Green.*
Randolph, Theodore Fitz,	2	Mech. Engin.	*Morristown, N.J.*
Read, Homer Taft,	1	Biology.	*Brookline.*
Reggio, André Nicholas,	1	Arch.	*Boston.*
Reilly, Leo Bayles,	1	Civ. Engin.	*Roxbury.*
Rice, Claude Thayer, A.B. 1901,	3	Mining.	*Dillard, Ore.*
Rice, Frederick Ellis,	3	Gen. Sci.	*Brookline.*
Richardson, Guy Brooks,	2	Gen. Sci.	*Lowell.*
Richardson, Walter Myrick,	3	Land. Arch.	*Leominster.*
Richmond, Winthrop Cushing,	1	Gen. Sci.	*Brookline.*
Rideout, Howard Eugene,	2	Civ. Engin.	*Cambridge.*
Riggs, Otis Melvin,	3	Chem.	*Gloucester.*
Risley, Arthur Leroy,	1	Gen. Sci.	*Newburyport.*
Robbins, Elliott Beebe,	1	Gen. Sci.	*Brookline.*
Robbins, Isaac David,	3	Sci. T.	*Boston.*
Roberts, David, Jr.	1	Mining.	*Birmingham, Ala.*
Roberts, Henry Knowlton,	2	Mech. Engin.	*Salem.*
Robinson, George,	1	Hyg.	*Concord, N.H.*
Rodman, Frank Clark,	2	Mech. Engin.	*Boston.*
Rogers, John Laurence,	2	Chem.	*Cambridge.*
Rollins, Ashton,	2	Gen. Sci.	*Dover, N.H.*
Rossiter, Kensett,	*S.*	Arch.	*New York, N. Y.*
Roth, Edward, Jr.	*S.*	Civ. Engin.	*Vineyard Haven.*
Rowe, Basil James,	2	Elec. Engin.	*Cincinnati, O.*
Rowe, Edward Prescott,	2	Gen. Sci.	*Boston.*
Ruhl, Robert Waldo,	3	Gen. Sci.	*Rockford, Ill.*
Sampliner, Mortimer Louis,	*S.*	Mech. Engin.	*Cleveland, O.*
Sampson, Edwin Field,	2	Civ. Engin.	*Newtonville.*
Sampson, Winslow Francis,	1	Mech. Engin.	*Newtonville.*
Sanders, Thomas, 2d,	2	Gen. Sci.	*Salem.*
Sanford, Arthur Judson,	*S.*	Elec. Engin.	*Marblehead.*
Sanger, Walter Prentice,	*S.*	Mech. Engin.	*Washington, D.C.*
Sargent, William Denny,	2	Mining.	*Swampscott.*
Saunders, Daniel Green, Jr.	*S.*	Mining.	*Kansas City, Mo.*
Sawyer, Eugene Mitchell,	1	Mining.	*Bangor, Me.*

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Scheuber, Francis Ball,	1	Gen. Sci.	*Boston.*
Schlesinger, Armin Ardery,	1	Mining.	*Milwaukee, Wis.*
Scholl, Guilford Darby,	1	Mining.	*Reading, Pa.*
Scott, Christopher Pearse,	1	Mech. Engin.	*Burlington, Ia.*
Scott, Lorne Albert,	2	Biology.	*Roxbury.*
Seaver, Clifford, A.B. 1902,	4	Civ. Engin.	*Cambridge.*
Shaw, John Daniel,	*S.*	Land. Arch.	*Roxbury.*
Shaw, John Maxwell, Jr.	*S.*	Chem.	*Indianapolis, Ind.*
Shea, James Bernard,	*S.*	Land. Arch.	*Brookline.*
Sheldon, Reginald Herbert,	1	Elec. Engin.	*No. Chelmsford.*
Shepard, Frederick Stanley,	4	Sci. T.	*Chelsea.*
Sherburne, Edward Harold,	1	Gen. Sci.	*Brookline.*
Sherburne, Kenneth, A.B. 1900,	4	Mech. Engin.	*Boston.*
Shirk, Franklin Edgar,	*S.*	Geology.	*Muncie, Ind.*
Siddall, Joseph,	*S.*	Elec. Engin.	*Philadelphia, Pa.*
Silverman, Max,	*S.*	Civ. Engin.	*New York, N. Y.*
Silverman, Philip,	*S.*	Civ. Engin.	*New York, N. Y.*
Skene, Harold Vincent,	1	Land. Arch.	*So. Boston.*
Skilton, Stephen Henry, Jr.	1	Gen. Sci.	*Brookline.*
Smith, Allan,	2	Mech. Engin.	*E. Dedham.*
Smith, Eliot Nichols, A.B. (*Oberlin Coll.*) 1900,	3	Civ. Engin.	*Berlin, Conn.*
Smith, Harold Claude,	3	Hyg.	*Lexington, Ill.*
Smith, Harry Lynch,	*S.*	Civ. Engin.	*Muncy, Pa.*
Smith, Julius Frederic,	2	Gen. Sci.	*St. Johnsville, N. Y.*
Smith, Lyon,	2	Gen. Sci.	*Brookline.*
Smith, Sidney McKeehan,	*S.*	Mining.	*Wellsville, O.*
Smith, William Everett,	4	Gen. Sci.	*Marblehead.*
Smither, Robert Newkirk,	1	Gen. Sci.	*Buffalo, N. Y.*
Somers, Laurence Drew,	4	Mining.	*Brookline.*
Souther, Channing Weare,	1	Mining.	*Jamaica Plain.*
Souther, Dana Wheelock,	1	Mining.	*Jamaica Plain.*
Soutter, James Taylor, 2d,	2	Gen. Sci.	*New York, N. Y.*
Spalding, Henry Dixon,	*S.*	Mining.	*Butte, Mont.*
Spaulding, Russell Harold,	2	Mech. Engin.	*W. Somerville.*
Stack, James Otto,	1	Gen. Sci.	*Brookline.*
Stark, Charles Wolcott,	4	Civ. Engin.	*Penn Yan, N. Y.*
Starratt, Stanley Arthur,	*S.*	Biology.	*Bridgewater, N. S.*
Stetson, Henry Niebuhr,	4	Mech. Engin.	*St. John, N. B.*
Stevens, Edward Addison, Jr.	3	Elec. Engin.	*Lowell.*
Stevenson, Geoffrey,	1	Gen. Sci.	*Buffalo, N. Y.*
Stickney, William White,	1	Chem.	*Pueblo, Colo.*
Stoltz, Guy Calvin,	*S.*	Mining.	*Marion, O.*

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Stone, Walter Maxwell,	3	Mech. Engin.	*Waltham.*
Streit, Raymond Eugene,	4	Gen. Sci.	*Brooklyn, N. Y.*
Sturges, Harry Wilton,	*S.*	Elec. Engin.	*New York, N. Y.*
Sumner, Louis Worsley,	2	Hyg.	*Cambridge.*
Swift, Leroy Fenwick,	2	Sci. T.	*Bourne.*
Swift, Rodman,	3	Mining.	*New Bedford.*
Swift, Walter Babcock, A.B. 1901, O.B. (*New England Conserv. of Music*) 1902,	4	Hyg.	*Wellesley Hills.*
Switzer, George,	1	Gen. Sci.	*Brooklyn, N. Y.*
Taft, Waterman Allen, Jr.	1	Civ. Engin.	*Arlington.*
Talpey, Alfred Henry Eugene,	1	Elec. Engin.	*Dorchester.*
Taylor, Edward Willis,	2	Mech. Engin.	*Lexington.*
Taylor, George Francis, S.B. (*Utah Agric. Coll.*),	3	Civ. Engin.	*Plain City, Utah.*
Taylor, George Philip,	2	Chem.	*Boston.*
Taylor, William Edward, Jr.	4	Mech. Engin.	*La Porte, Ind.*
Taylor, William Nicholson,	3	Arch.	*Pittsburg, Pa.*
Tenney, William Field,	2	Civ. Engin.	*W. Acton.*
Tew, James Dinsmore,	2	Gen. Sci.	*Jamestown, N. Y.*
Thanisch, Rudolph Joseph,	2	Gen. Sci.	*Jamaica Plain.*
Thayer, Abbot Augustine,	3	Mech. Engin.	*Cincinnati, O.*
Thomas, Burton Lewis,	*S.*	Gen. Sci.	*Bloomington, Idaho.*
Thomas, James Clayborn, Jr.	2	Chem.	*Logan, Utah.*
Thompson, Edward Orton,	1	Gen. Sci.	*Cambridge.*
Thompson, James Lawton,	*S.*	Arch.	*Portland, Me.*
Thorvaldson, Thorvaldur, Jr., A.B. (*Manitoba Univ.*) 1902,	4	Sci. T.	*Arnes, Manitoba.*
Thurlow, Edward Kimball,	1	Land. Arch.	*W. Newbury.*
Thurlow, Merriam McIntyre,	2	Mining.	*Colorado Springs, Colo.*
Thurston, Alden Sampson,	4	Gen. Sci.	*New York, N. Y.*
Tillinghast, Alexander Roy,	*S.*	Chem.	*Danielson, Conn.*
Tirrell, Charles Edwards,	3	Mech. Engin.	*So. Weymouth.*
Tobin, Frank Isaac,	*S.*	Sci. T.	*Boston.*
Tolman, Samuel Albert,	1	Elec. Engin.	*New Dorchester.*
Torossian, Mihran Garabed,	*S.*	Elec. Engin.	*Boston.*
Train, Arthur Herman,	2	Mech. Engin.	*Weston.*
Trott, Edgar Payson,	*S.*	Mining.	*W. Medford.*
Tuttle, Ralph Weare,	3	Hyg.	*E. Andover, N. H.*
Updegraff, William Barrett,	*S.*	Mech. Engin.	*Newburgh, N. Y.*
Upton, George,	*S.*	Chem.	*Salem.*
Van Antwerp, George Trotter,	1	Civ. Engin.	*New York, N. Y.*
Van Winkle, Edgar Beach, Jr.	3	Arch.	*New York, N. Y.*

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Varney, Ralph Wesley,	3	Arch.	*Lynn.*
Vaughan, Edward Bebb,	*S.*	Sci. T.	*Odin, Ill.*
Voss, Allen Bernard,	4	Mech. Engin.	*Gloucester.*
Wade, William Rogers,	2	Mining.	*Newton Centre.*
Wadsworth, Lewis Lumber, Jr.	*S.*	Mining.	*Cambridge.*
Wait, Charles Robert,	4	Arch.	*Wakefield.*
Wales, Nathaniel Brackett,	2	Gen. Sci.	*Braintree.*
Walker, Ernest Linwood, B.A.S. 1896,	4	Biology.	*Jamaica Plain.*
Wallace, Robert,	2	Mining.	*Newton.*
Ward, Neil Callen,	*S.*	Elec. Engin.	*Greenfield, Tenn.*
Wardwell, Frank Wellington, Jr.	4	Gen. Sci.	*Cleveland, O.*
Warner, Elwin Streeter,	2	Mining.	*No. Adams.*
Warner, Stewart Gerry,	*S.*	Arch.	*Lynn.*
Warner, William Skinner,	3	Gen. Sci.	*Dorchester.*
Warren, Harry Edward,	3	Arch.	*W. Somerville.*
Wates, Cyril Geoffrey,	1	Elec. Engin.	*Jamaica, W.I.*
Webber, Charles Jewell,	2	Gen. Sci.	*Bangor, Me.*
Webber, Ralph Flewelling,	2	Chem.	*Winchester.*
Weitze, Carl Robert, 2d,	4	Civ. Engin.	*Cambridge.*
Wells, Pearson,	2	Mining.	*Milwaukee, Wis.*
Wells, Percy Addison,	*S.*	Civ. Engin.	*Chicago, Ill.*
West, Frederick Orra,	2	Hyg.	*Woburn.*
West, John Briggs, Jr.	1	Gen. Sci.	*Cambridge.*
Weymouth, Frederick Abbott,	1	Elec. Engin.	*Cambridge.*
Whalen, Arthur Frank,	*S.*	Elec. Engin.	*Melrose Highlands.*
Wheeler, Reginald Tremaine,	2	Mining.	*Buffalo, N. Y.*
Whidden, Thomas Avery,	2	Gen. Sci.	*W. Newton.*
White, Bryant,	1	Elec. Engin.	*Louisville, Ky.*
White, Edwin Ellis,	2	Mining.	*Hyde Park.*
White, Frederic Hall,	*S.*	Elec. Engin.	*Brooklyn, N. Y.*
Wilbur, Robert Eldridge,	1	Arch.	*So. Bethlehem, Pa.*
Wilcox, Newton Kincaid,	1	Civ. Engin.	*Providence, R.I.*
Willard, Henry Bowers,	2	Arch.	*New York, N. Y.*
Williams, Haskell,	1	Gen. Sci.	*Worcester.*
Williams, Henry Trumbull,	4	Mech. Engin.	*Chelsea.*
Williams, Malcolm,	*S.*	Mech. Engin.	*Boston.*
Williams, Warren,	1	Gen. Sci.	*Worcester.*
Willis, Ell Newton,	4	Elec. Engin.	*Concord, N.H.*
Wilson, James Arthur,	4	Gen. Sci.	*New Dorchester.*
Wilt, Abram Darst,	4	Gen. Sci.	*Dayton, O.*
Winslow, Sidney Wilmot, Jr.	2	Gen. Sci.	*Beverly.*
Wise, George Harden,	4	Gen. Sci.	*Wheeling, W. Va.*
Woodbridge, Robert Stewart,	*S.*	Civ. Engin.	*Long Island, N. Y.*

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Woodbury, Francis Prescott,	*S.*	Land. Arch.	*Newburyport.*
Woodfin, Howard Fisher,	1	Mech. Engin.	*Rutland, Vt.*
Woods, Frederic Lester,	1	Gen. Sci.	*Boston.*
Woods, Morrill Chalmers,	*S.*	Civ. Engin.	*Cambridge.*
Woodward, George Smith,	2	Sci. T.	*Springfield.*
Woodworth, Robert Newton,	2	Mining.	*Cambridge.*
Wright, David Clarence,	2	Elec. Engin.	*Cleveland, O.*
Wright, William Merritt, Jr.	*S.*	Elec. Engin.	*Washington, D.C.*
Wylie, Sims Gill,	*S.*	Elec. Engin.	*New York, N.Y.*
Young, Earl Edgar, S.B. (*Purdue Univ.*) 1902,	4	Gen. Sci.	*Anderson, Ind.*
Young, Harold Winthrop,	1	Gen. Sci.	*Boston.*
Young, James Herbert,	4	Hyg.	*Boston.*
Zanetti, Joaquin Enrique,	1	Chem.	*Havana, Cuba.*

SUMMARY.

Fourth Year Students	94
Third " "	83
Second " "	151
First " "	136
Special "	120
Total	584

Civil Engineering	72
Mechanical Engineering	70
Electrical Engineering	61
Mining and Metallurgy	75
Architecture	35
Landscape Architecture	11
Chemistry	32
Geology	3
Biology	16
Anatomy and Physiology	38
For Teachers of Science	30
General Science	141
Total	584

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STUDENTS IN THE GRADUATE SCHOOL.

Resident Students.

Each student is referred, in the following list, to the department or field of study in which his work mainly lies.

NAME.	HOME RESIDENCE.	PRESENT ADDRESS.
Aldrich, Charles Edward, Jr.	*Roxbury*,	136 Townsend St., [Rox.

A.B. 1902. I *yr.* Economics.

Allen, Charles Ricketson, *New Bedford*, 988 Mass. Ave.

S.B. (*Mass. Institute of Technology*) 1885. Senior Teacher of Science, New Bedford High School, on leave of absence. I *yr.* Education, Philosophy.

Allen, Frederick James, *Limerick, Me.* 13 Pleasant Ave., Somer.

A.B. (*Dartmouth Coll., N.H.*) 1889, A.M. (*ibid.*) 1892. Instructor in Mathematics and History, Boston University. I *yr.* History.

Allen, Glover Morrill, *Intervale, N.H.* P. 68.

A.B. 1901. II *yr.* Zoölogy.

Ames, Lewis Darwin, *Cambridge*, 46 Crescent Ave.

Litt.B. (*Univ. of the State of Missouri*) 1899, A.B. (*Harvard Univ.*) 1901, A.M. (*ibid.*) 1902. Teacher of Mathematics, 1890–1900, Chillicothe Normal College, Mo. Instructor in Mathematics, 1901–02. III *yr.* Shattuck Scholar. Mathematics.

Anderson, Andrew Runni, *Sheboygan Falls, Wis.* 105 Hammond St.

A.B. (*Univ. of Wisconsin*) 1900, Graduate Student, *ibid.*, 1900–01. II *yr.* Shattuck Scholar. Classics.

Andrews, Arthur Irving. *Providence, R. I.* 2 Gorham St.

A.B. (*Brown Univ., R.I.*) 1901, Graduate Student, *Univ. of Wisconsin*, 1901–02. I *yr.* History.

Andrews, Albert LeRoy, *Williamstown*, 15 Sacramento St.

A.B. (*Williams Coll.*) 1899, A.M. (*ibid.*) 1902. Instructor in Greek and German, 1901–02, Western Pennsylvania Classical and Scientific Institute, Mt. Pleasant, Pa. I *yr.* Germanic Philology.

Angier, Roswell Parker, *Quincy*, 8 Prescott St.

A.B. 1897, A.M. 1901. Teacher of German, 1899–1900, Bloomington High School, Ill. IV *yr.* Philosophy.

Armstrong, Gordon Nelson, *Laurelville, O.* 47 Sacramento St.

A.B. (*Ohio Wesleyan Univ.*) 1897. Assistant Principal, 1897–1902, E. Liverpool High School, O. I *yr.* Physics and Mathematics.

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Armstrong, Robert Allen, *Morgantown, W. Va.* 1689 Cambridge St.
A.B. (*West Virginia Univ.*) 1886, A.M. (*ibid.*) 1889. Professor of English Literature, West Virginia University, on leave of absence. I *yr.* Austin Scholar. English.

Aydelotte, Frank, *Sullivan, Ind.* 54 Garden St.
A.B. (*Indiana Univ.*) 1900. Instructor in English, 1901–02, Indiana University. I *yr.* Assistant in English. English.

Baines-Griffiths, David, *Leyden,* 4 Gorham St.
A.B. (*Kansas City Univ., Mo.*) 1899. Instructor in New Testament Literature, 1899–1902, Kansas City University. I *yr.* Philosophy.

Baldwin, Bird Thomas, *West Chester, Pa.* 12 Kirkland Pl.
S.B. (*Swarthmore Coll., Pa.*) 1900. Principal, 1900–02, Friends' High School, Moorestown, N. J. Joshua Lippincott Travelling Fellow of Swarthmore College. I *yr.* Austin Scholar. Philosophy, Education.

Ballentine, Floyd George, *Clarion, Pa.* 7 Ashton Pl.
A.B. (*Bucknell Univ., Pa.*) 1899, A.B. (*Harvard Univ.*) 1900, A.M. (*ibid.*) 1901. III *yr.* Classical Philology.

Ballinger, Lees, *Keokuk, Ia.* Drayton 2.
Ph.B. (*Univ. of Chicago, Ill.*) 1902. I *yr.* Political Science.

Balmer, Edwin, *Chicago, Ill.* P. 85.
A.B. (*Northwestern Univ., Ill.*) 1902. I *yr.* English, Greek, Philosophy.

Barlow, Harrington, *New Bedford,* Read's 32.
A.B. 1902. I *yr.* Architecture.

Barnes, Thomas Louis, *Waltham,* Warren St., Waltham.
A.B. (*Dartmouth Coll., N.H.*) 1902. I *yr.* History, Education.

Barry, Phillips, *Roxbury,* 33 Ball St., Rox.
A.B. 1900, A.M. 1901. III *yr.* German.

Beals, Frederick Hall, *Mt. Vision, N. Y.* 1 Trowbridge Ter.
A.B. 1900. Instructor in Science, 1900–02, Worcester Academy. I *yr.* Physics.

Behr, Gustave Edward, Jr. *Brooklyn, N. Y.* Wadsworth 9.
S.B. (*Polytechnic Inst. of Brooklyn, N.Y.*) 1899, S.M. (*Harvard Univ.*) 1902. II *yr.* University Scholar. Assistant in Chemistry. Chemistry.

Bell, James Carleton, *Mt. Vernon, O.* 49 Wendell St.
A.B. (*Denison Univ., O.*) 1896, Student, *Univs. of Berlin and Leipsic, Germany,* 1900–02. I *yr.* University Scholar. Philosophy.

Bigelow, Henry Bryant, *Cohasset,* Cohasset.
A.B. 1901. I *yr.* Zoölogy.

Bingham, Hiram, Jr. *Honolulu, H.T.* 12 Reservoir St.
A.B. (*Yale Univ., Conn.*) 1898, A.M. (*Univ. of California*) 1900, A.M. (*Harvard Univ.*) 1901. III *yr.* History.

Black, Ralph Waldo, *Boston,* 14 Park Sq., Boston.
A.B. 1886. I *yr.* Philosophy.

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Blackwell, Howard Lane, *E. Orange, N. J.* T. 34.
A.B. (*Harvard Univ.*) 1899, A.M. (*ibid.*) 1900. III *yr.* Physics.

Blakeslee, Albert Francis, *Cazenovia, N. Y.* 12 Kirkland Pl.
A.B. (*Wesleyan Univ., Conn.*) 1896, A.M. (*Harvard Univ.*) 1900. Teacher of Science, 1898–99, East Greenwich Academy, R. I. IV *yr.* Austin Teaching Fellow in Botany. Botany.

Bonnet, Frederic, Jr. *St. Louis, Mo.* Wadsworth 9.
S.B. (*Washington Univ., Mo.*) 1899, S.M. (*Harvard Univ.*) 1902. IV *yr.* Assistant in Chemistry. Chemistry.

Boswell, Foster Partridge, *Rochester, N. Y.* W. H. 46.
A.B. (*Hobart Coll., N. Y.*) 1901, A.M. (*Harvard Univ.*) 1902. II *yr.* Philosophy.

Boynton, Arthur Jerome, *Emerald Grove, Wis.* 10 Sumner St.
Ph.B. (*Beloit Coll., Wis.*) 1896, A.B. (*Harvard Univ.*) 1901, A.M. (*Columbia Univ., N. Y.*) 1902. Instructor in Biology, 1896–1900, Sparta High School, Wis. II *yr.* University Scholar. Economics.

Brackett, Haven Darling, *Southbridge,* 58 Hammond St.
A.B. (*Amherst Coll.*) 1898. Master in Greek and Latin, Cornwall Heights School, N.Y., 1900–01. II *yr.* Classical Philology.

Bragdon, Arthur Delove, *Buffalo, N. Y.* 12 Oxford St.
A.B. (*Univ. of Rochester, N. Y.*) 1902. I *yr.* Classical Philology.

Brooks, Stratton Duluth, *W. Roxbury,* 29 Ruskin St., W. Rox.
Pd.B. (*Michigan State Normal School*) 1892, A.B. (*Univ. of Michigan*) 1896, Pd.M. (*Michigan State Normal School*) 1899. Assistant Professor of Education, 1899–1902, University of Illinois. Supervisor of Schools, Boston. I *yr.* Psychology and Education.

Brown, Carleton Fairchild, *Cambridge,* 39 Ellery St.
A.B. (*Carleton Coll., Minn.*) 1888, Gr., *Andover Theol. Seminary,* 1893, A.M. (*Harvard Univ.*) 1901. Pastor, 1897–1900, First Unitarian Society, Helena, Mont. III *yr.* Shattuck Scholar. English.

Brown, Davenport, *Boston,* 10 Oxford St.
A.B. 1901, S.B. 1902. I *yr.* Geology and Mining.

Brown, Frederic Willis, *Concord,* Concord.
A.B. 1897, Student, *Univ. of Grenoble, France,* 1901–02. I *yr.* Romance Philology.

Brown, Harold Chapman, *Springfield,* 40 Kirkland St.
A.B. (*Williams Coll.*) 1901. II *yr.* Philosophy.

Brown, Lemuel Ransom, *Potsdam, N. Y.* 30 Sacramento St.
A.B. (*Middlebury Coll., Vt.*) 1901. Head Teacher of English, 1901–02, Seattle High School, Wash. I *yr.* English.

Bruère, Henry, *St. Charles, Mo.* 147 Mt. Pleasant
Ph.B. (*Univ. of Chicago, Ill.*) 1901. I *yr.* Economics. [Ave., Boston.

Budd, George Samuel, *Cambridge,* 18 Leonard Ave.
A.B. (*Hamilton Coll., N. Y.*) 1892, A.M. (*ibid.*) 1895. II *yr.* Education.

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Burnett, Charles Theodore, *Turners Falls,* 888 Mass. Ave.
A.B. (*Amherst Coll.*) 1895, A.M. (*Harvard Univ.*) 1900. Teacher, 1896-98, The Hill School, Pottstown, Pa. V *yr.* Philosophy.

Burnham, Leroy Pearl, *Waltham,* P. 49.
S.B. 1902. I *yr.* Austin Resident Scholar in Architecture. Architecture.

Busse, Paul Gustav Adolf, *Cambridge,* 67 Oxford St.
A.B. (*Northwestern Univ., Ill.*) 1900, A.M. (*ibid.*) 1900. I *yr.* Assistant in German. Shattuck Scholar. German.

Byers, Noah Ebersole, *Elkhart, Ind.* 49½ Sacramento St.
S.B. (*Northwestern Univ., Ill.*) 1898. Principal of Elkhart Institute, Ind., on leave of absence. I *yr.* Austin Scholar. Philosophy and Education.

Cabot, John Higginson, 2d, *Nantucket,* Westmorly 135.
A.B. 1900. I *yr.* Assistant in History. History.

Caldwell, Armour, *Brooklyn, N. Y.* 56 Highland Ave.
A.B. (*Columbia Univ., N. Y.*) 1902. I *yr.* English.

Calhane, Daniel Francis, *Haverhill,* 58 Moore St., Haverhill.
A.B. 1894, A.M. 1896. Teacher, 1896-97, Concord Home School, Concord. VII *yr.* Assistant in Chemistry. Chemistry.

Camp, Burton Howard, *Hartford, Conn.* 1697 Cambridge St.
A.B. (*Wesleyan Univ., Conn.*) 1901. Teacher of Science, 1901-02, Oak Grove Seminary, Vassalboro, Me. I *yr.* Astronomy and Mathematics.

Campbell, Sherman, *Cambridge,* 102 River St.
A.B. 1899. Instructor in Latin and Greek, 1901-02, Norwalk University School, Norwalk, Conn. I *yr.* Classical Philology.

Carlton, Henry Avery, *Dorchester,* 33 Holyoke St.
A.B. 1902. I *yr.* Assistant in Chemistry. Thayer Scholar. Chemistry.

Carpenter, Frederic Walton, *New York, N. Y.* Trinity 11.
S.B. (*New York Univ.*) 1899, A.M. (*Harvard Univ.*) 1902. Assistant in Biology, 1899-1900, New York University. III *yr.* Assistant in Zoölogy. Proctor. Zoölogy.

Carroll, Howard Hastings, *W. Newton,* C. 26.
S.B. 1902. I *yr.* Assistant in Mechanical Drawing. Architecture.

Carter, Charles Henry, *West Chester, Pa.* 12 Kirkland Pl.
A.B. (*Haverford Coll., Pa.*) 1900, A.M. (*ibid.*) 1901, A.M. (*Harvard Univ.*) 1902. Assistant in German, 1900-01, Haverford College. II *yr.* English.

Cary, Earnest, *Neligh, Neb.* 395 Huron Ave.
A.B. (*Gates Coll., Neb.*) 1898, A.B. (*Harvard Univ.*) 1900, A.M. (*ibid.*) 1901. III *yr.* Edward Austin Fellow. Classical Philology.

Casey, Walter Thomas, *Pittsfield,* S. 29.
A.B. (*Manhattan Coll., N. Y.*) 1899. I *yr.* Government.

Chambers, John Milton, *University Park, Colo.* 41 Holyoke St.
A.B. (*Northwestern Univ., Ill.*) 1896, A.M. (*ibid.*) 1899. Professor of Oratory, 1899-1901, Wooster University, O. Professor of Oratory and Assistant Professor of English, 1901-02, Denver University, Colo. I *yr.* English.

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Chester, Webster, *Noank, Conn.* 38 Sacramento St.
A.B. (*Colgate Univ., N. Y.*) 1900. Instructor in Science and Mathematics, 1900–02, Colby Academy, New London, N.H. I *yr.* Biology.

Claflin, Walter Harold, *Newtonville,* 140 Mt. Vernon St., Newtonville.
A.B. 1902. I *yr.* Thayer Scholar. History.

Clark, Francis Lyman, *Brookline,* C't 42.
S.B. 1901. I *yr.* Austin Resident Scholar in Architecture. Architecture.

Cleasby, Harold Loomis, *Hartford, Conn.* 1697 Cambridge St.
A.B. (*Trinity Coll., Conn.*) 1899, A.M. (*ibid.*) 1901, A.M. (*Harvard Univ.*) 1902. Assistant in Classics, 1899–1901, Trinity College. II *yr.* Classical Philology.

Cleveland, Edmund Janes, *Hartford, Conn.* Lawrence 10.
A.B. (*Trinity Coll., Conn.*) 1902. I *yr.* Sociology.

Cole, Leon Jacob, *Ann Arbor, Mich.* 41 Wendell St.
A.B. (*Univ. of Michigan*) 1901. Assistant in Zoölogy, 1898–1902, University of Michigan. I *yr.* Edward Austin Fellow. Zoölogy.

Collester, Clinton Henry, *Gardner,* 67 Oxford St.
A.B. (*Amherst Coll.*) 1902. I *yr.* English.

Collier, Guy Bain, *Kinderhook, N. Y.* 70 Kirkland St.
S.B. 1901. II *yr.* Mathematics and Physics.

Colwell, William Arnold, *Granville, O.* C't 17.
A.B. (*Denison Univ., O.*) 1899, A.M. (*Harvard Univ.*) 1902. Professor of French and German, 1899–1901, Grand Island College, Neb. II *yr.* Proctor. Germanic Languages.

Corson, Charles Emerson, *Haverhill,* H. 4.
A.B. 1902. I *yr.* Assistant in Chemistry. Metallography.

Cottrell, Frederick Gardner, *Oakland, Cal.* 1586 Cambridge St.
S.B. (*Univ. of California*) 1896, Student, *Univs. of Berlin and Leipsic, Germany,* 1900–02. Instructor in Chemistry, University of California, on leave of absence. I *yr.* Chemistry.

Cousens, Lyman Abbott, *Portland, Me.* 1734 Cambridge St.
A.B. (*Bowdoin Coll., Me.*) 1902. I *yr.* Political Science.

Cowan, John Raymond, *Cleveland, Tenn.* 18 Ellery St.
A.B. (*Trinity Coll., N. C.*) 1900, A.M. (*ibid.*) 1901. Instructor in English, 1901–02, Trinity College, N.C. I *yr.* English.

Cox, George Clarke, *Ridgewood, N. J.* 27 Everett St.
A.B. (*Kenyon Coll., O.*) 1886, A.M. (*ibid.*) 1900. Pastor, 1899–1902, Emmanuel Church, Geneva, Switzerland. I *yr.* Philosophy.

Cox, Harry Seymour, *Richmond, Ind.* 1 Walker Ter.
A.B. (*Ohio Wesleyan Univ.*) 1896. Instructor in Mathematics and Physics, 1897–1902, Lancaster High School, O. I *yr.* Mathematics and Physics.

Crawford, Gustavus Chambers, *St. John, N.B.* 17 Wendell St.
A.B. (*Univ. of New Brunswick*) 1900, A.B. (*Harvard Univ.*) 1902. Principal, 1900–01, Sussex High School, N.B. I *yr.* Electrical Engineering.

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Crosby, Henry Lamar, *San Antonio, Tex.* 42 Holyoke St.
A.B. (*Univ. of Texas*) 1901, A.M. (*ibid.*) 1902. I *yr.* Classical Philology.

Cumming, Alexander, *Cambridge,* 344 Harvard St.
Ph.B. (*Univ. of Michigan*) 1894. Professor of History and English, 1894–95, Grove City College, Pa. II *yr.* Political Science.

Curtis, Eugene Newton, *White Plains, N. Y.* Lawrence 29.
A.B. (*Yale Univ., Conn.*) 1901. I *yr.* Philosophy.

Curtiss, David Raymond, *Redlands, Cal.* 48 Irving St.
A.B. (*Univ. of California*) 1899, A.M. (*ibid.*) 1901. Assistant in Mathematics, 1900–01, University of California. II *yr.* Christopher M. Weld Scholar. Mathematics.

Custis, Vanderveer, *Philadelphia, Pa.* D. 29.
A.B. 1901, A.M. 1902. I *yr.* Assistant in Economics. Economics.

Dame, Alfred Mitchell, *Cambridge,* 61 Dana St.
A.B. 1902. I *yr.* Classical Philology.

Davis, Harvey Nathaniel, *Providence, R. I.* P. 47.
A.B. (*Brown Univ., R.I.*) 1900, A.M. (*ibid.*) 1901. I *yr.* Whiting Fellow. Physics.

Dewing, Arthur Stone, *Cambridge,* 1797 Mass. Ave.
A.B. 1902. I *yr.* Assistant in Philosophy. Philosophy.

Dodson, George Rowland, *Alameda, Cal.* D. 16.
A.B. (*Univ. of the State of Missouri*) 1887, A.M. (*Harvard Univ.*) 1902. Pastor, 1891–1901, Unitarian Church, Alameda, Cal. II *yr.* Assistant in Philosophy. Philosophy.

Doherty, Francis Webster, *So. Boston,* 396 Broadway, So. Boston.
A.B. 1900, A.M. 1901. III *yr.* University Scholar. Classical Philology.

Dubée, Henry William, *Arlington,* 56 Palmer St., Arlington.
A.B. (*Lombard Univ., Ill.*) 1899, A.B. (*Harvard Univ.*) 1900, A.M. (*ibid.*) 1902. Instructor in German, 1900–01, University of Cincinnati. III *yr.* Instructor in German. German.

Dunn, Frederic Stanley, *Eugene, Ore.* 76 Hillside Ave., Arlingt'n H'hts.
A.B. (*Univ. of Oregon*) 1892, A.B. (*Harvard Univ.*) 1894. Professor of Latin and Greek, 1895–98, Willamette University, Ore. Professor of Latin, 1898–1902, University of Oregon. II *yr.* Austin Scholar. Classical Philology.

Duval, Edmund Pendleton Randolph, *Lexington, Va.* 32 Irving St.
S.B. (*Univ. of Texas*) 1901, A.M. (*ibid.*) 1902. Tutor in Mathematics, University of Texas, 1900–02. I *yr.* Mathematics.

Eaton, Arthur Leon, *Nashua, N.H.* 15 Mellen St.
A.B. (*Dartmouth Coll., N.H.*) 1902. I *yr.* Romance Languages.

Eldredge, Emmett Franklin, *Cleveland, O.* Read's 24.
A.B. (*Mount Union Coll., O.*) 1892, A.B. (*Harvard Univ.*) 1902. Instructor in English, Lincoln High School, Cleveland, O., on leave of absence. I *yr.* English.

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Ells, Alfred Edward, *Cambridge*, 10 Oxford St.
A.B. 1902. I *yr.* Assistant in English. English.

Eppensteiner, Johann Friedrich, *Stuttgart, Germany*, 41 Wendell St.
Gr., *Realgymnasium, Stuttgart, Germany*, 1899, Student, *Univ. of Tübingen, Germany*, 1901–02. I *yr.* English, Germanic Philology.

Eustis, Augustus Hemenway, *Readville*, W. 11.
A.B. 1901, A.M. 1902. II *yr.* Mining Engineering.

Eustis, Frederic Augustus, *Readville*, W. 11.
A.B. 1901, A.M. 1902. II *yr.* Mining Engineering.

Ewer, Bernard Capen, *Providence, R.I.* C. 56.
A.B. (*Brown Univ., R.I.*) 1899, A.M. (*ibid.*) 1900. II *yr.* Thayer Scholar. Proctor. Philosophy.

Fick, Hermann Theodor, *St. Louis, Mo.* 109 Warren Ave., Boston.
A.B. 1902. Teacher of Greek and German, Stone's School, Boston. I *yr.* Classical Philology.

Fite, Emerson David, *Marion, O.* 12 Kirkland Pl.
A.B. (*Yale Univ., Conn.*) 1897. Teacher of Latin, 1897–1900, and of History, 1900–01, Mt. Hermon School. II *yr.* Ozias Goodwin Memorial Fellow. History.

Flaccus, Louis William, *Ben Avon, Pa.* 98 Hammond St.
A.B. (*Washington and Jefferson Coll., Pa.*) 1900, A.M. (*Harvard Univ.*) 1902. II *yr.* Philosophy.

Forbes, George Shannon, *Roxbury*, 51 Thornton St., [Rox.
A.B. 1902. I *yr.* Assistant in Chemistry. Chemistry.

Foster, Richard Wells, *Clinton*, Everett 56.
A.B. 1900. I *yr.* Landscape Architecture.

Fox, Charles Shattuck, *Albany, N. Y.* 34 Mellen St.
A.B. (*Univ. of Rochester, N.Y.*) 1891, LL.B. (*Albany Law School, N.Y.*) 1893, Graduate Student, *Univ. of Chicago, Ill.*, 1898–99. I *yr.* Germanic Languages.

Freedman, Louis Alexander, *Roxbury*, 89 Waumbeck St., Rox.
A.B. 1896, Ph.D. (*Univ. of Strasburg, Germany*) 1902. I *yr.* Philosophy.

Frisbee, Ivory Franklin, *Lewiston, Me.* 8 Story St.
A.B. (*Bates Coll., Me.*) 1880, A.M. (*ibid.*) 1883, Ph.D. (*New York Univ.*) 1894. Principal, 1880–99, Bates College Latin School, Lewiston, Me. I *yr.* Classical Philology, Education.

Frizell, Arthur Bowes, *Cambridge*, 1200 Mass. Ave.
A.B. 1893, A.M. 1900. VIII *yr.* Instructor in Mathematics. Mathematics.

Fryer, Charles Edmund, *Berkeley, Cal.* 9 Francis Ave.
Ph.B. (*Univ. of California*) 1899, A.M. (*Harvard Univ.*) 1902. Assistant in History, 1901, University of California. II *yr.* Assistant in History. History, Slavic.

Gallagher, Oscar Charles, *Braintree*, Braintree.
A.B. 1896. Master of Latin and German, Thayer Academy, Braintree. II *yr.* Education.

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Getchell, Everett Lamont, *Cambridge*, 78 Dana St.
A.B. (*Colby Coll., Me.*) 1896, A.M. (*ibid.*) 1899. Master of the Allston Grammar School, Cambridgeport. IV *yr.* Philosophy.

Gibson, James Andrew, *Wellesley Hills*, Wellesley Hills.
A.B. 1902. Teacher of Science, Rock Ridge School, Wellesley. I *yr.* Chemistry.

Gilbert, George Clayton, *Millersburg, Pa.* 68 Kirkland St.
A.B. (*Dickinson Coll., Pa.*) 1900. I *yr.* English.

Golder, Frank Alfred, *Philadelphia, Pa.* 20 Howland St.
Ph.B. (*Bucknell Univ., Pa.*) 1898, Ph.M. (*ibid.*) 1899. Teacher, United States Public School, Unga, Alaska, on leave of absence. I *yr.* History and Political Science.

Goldthwait, James Walter, *Lynn*, T. 67.
A.B. 1902. I *yr.* Assistant in Geology. Geology.

Gordon, George Byron, *Cambridge*, 7 Linnaean St.
S.B. 1902. In charge of Peabody Museum Explorations in Central America, 1894–1901. I *yr.* American Archaeology and Ethnology.

Greene, Russell Thomas, Jr. *Cambridge*, 16 Coolidge Ave.
A.B. 1896, A.M. 1897. Teacher in the English High School, Cambridge. V *yr.* Economics.

Greenlaw, Edwin Almiron, *Evanston, Ill.* 1595 Mass. Ave.
A.B. (*Northwestern Univ., Ill.*) 1897, A.M. (*ibid.*) 1898. Instructor in English, Northwestern University, on leave of absence. I *yr.* Austin Scholar. English.

Greenough, Chester Noyes, *Wakefield*, M. 7.
A.B. 1898, A.M. 1899. Instructor in English, 1901–02. II *yr.* Proctor. Shattuck Scholar. English.

Griffiths, Evan Warren, *Delaware, O.* 34 Union P'k, Boston.
A.B. (*Ohio Wesleyan Univ.*) 1895, A.B. (*Harvard Univ.*) 1902. Principal, 1899–1901, Portland High School, Ind. II *yr.* English.

Grosenbaugh, Roy Arthur, *Cambridge*, 30 Mt. Auburn St.
A.B. (*Albion Coll., Mich.*) 1901, A.B. (*Harvard Univ.*) 1902. I *yr.* Latin, Philosophy.

Grossmann, Ernst Hermann Paul, *Roslindale*, Atherton Ave., Roslindale.
A.B. 1902. I *yr.* Instructor in German. Germanic Philology.

Groth, Benno Humbert Alfred, *Cuxhaven, Germany*, S. 32.
A.B. 1902. Principal, 1896–1900, Selma School, Texas. I *yr.* Economic Botany.

Hagens, Fritz, *Cambridge*, 6½ Acacia St.
A.B. (*Beloit Coll., Wis.*) 1899. Teacher of Modern Languages, 1900–01, Culver Military Academy, Ind. II *yr.* Modern Languages.

Hahn, Clarence Wilson, *Cincinnati, O.* 1697 Cambridge St.
S.B. (*Univ. of Cincinnati, O.*) 1899, S.M. (*Trinity Coll., Conn.*) 1901. Instructor in Natural History, 1900–01, Trinity College. II *yr.* University Scholar. Zoölogy.

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Hall, James Frederick, *London, Ont.* 14 Sumner St.
A.B. (*Western Univ., Ont.*) 1899. Professor of Latin and Greek, 1900–02, King College, Tenn. II *yr.* Classical Philology.

Hall, Norman Fisher, *Cambridge,* 35 Brewster St.
A.B. 1900. III *yr.* Assistant in French and Spanish. Romance Languages.

Hallett, Samuel Worthington, *Hyannis,* 10 Mellen St.
A.B. (*Amherst Coll.*) 1883, A.M. (*ibid.*) 1887. Superintendent of Schools, 1897–1902, Ware. I *yr.* Education, Philosophy.

Harrop, Arthur Henry, *Washington Court House, O.* 109 Museum St.
A.B. (*Ohio Wesleyan Univ.*) 1894, A.M. (*ibid.*) 1896. President and Professor of Latin and Greek, 1897–1901, Ashland College, Ky. II *yr.* Classical Philology.

Hart, Walter Morris, *Berkeley, Cal.* 48 Buckingham St.
A.B. (*Haverford Coll., Pa.*) 1892, A.M. (*ibid.*) 1893, A.M. (*Harvard Univ.*) 1901. Instructor in English, 1895–1900, University of California. III *yr.* English.

Hatch, William Henry Paine, *So. Hartford, N. Y.* Arsenal Sq.
A.B. 1898, A.M. 1899, S.T.B. (*Episcopal Theol. School, Cambridge*) 1902. V *yr.* John Harvard Fellow. Classical Philology.

Heffelbower, George Frederick, *Delta, O.* 57 Wendell St.
A.B. (*Univ. of Michigan*) 1897, A.M. (*ibid.*) 1898. University Fellow in Latin, 1898–99, Columbia University, N.Y. II *yr.* Classical Philology.

Henderson, Harry Peters, *Salem,* T. 13.
A.B. 1901, S.M. 1902. II *yr.* Assistant in Mining. Mining.

Henry, Mellinger Edward, *Irwin, Pa.* 7 Ashton Pl.
A.B. (*Brown Univ., R. I.*) 1899. Teacher of Languages, 1900–02, South Jersey Institute, Bridgeton, N.J. I *yr.* English.

Hines, Murray Arnold, *No. Adams,* 29 Sycamore St., Somer.
A.B. (*St. Lawrence Univ., N.Y.*) 1899, A.M. (*ibid.*) 1901, A.B. (*Harvard Univ.*) 1901. II *yr.* Assistant in Chemistry. Chemistry.

Hirshberg, Samuel, *Brookline,* 33 Coolidge St., B'kline.
Heb.B. (*Hebrew Union Coll., O.*) 1887, Rabbi (*ibid.*) 1891, Litt.B. (*Univ. of Cincinnati, O.*) 1891, A.M. (*Harvard Univ.*) 1902. Rabbi of Temple Ohabei Sholom, Boston. VII *yr.* Semitic Languages and History.

Hoffmann, Ralph, *Belmont,* Belmont.
A.B. 1894. Instructor in German, Browne and Nichols School, Cambridge. I *yr.* Fine Arts.

Hogg, John L, *Seaforth, Ont.* 109 Museum St.
A.B. (*Univ. of Toronto*) 1899, A.M. (*Harvard Univ.*) 1902. Mathematical Master, 1900–01, Seaforth Collegiate Institute, Ont. II *yr.* Whiting Fellow. Physics.

Hook, Edward Alfred, *So. Milwaukee, Wis.* 105 Hammond St.
S.B. (*Univ. of Wisconsin*) 1900, S.M. (*ibid.*) 1901. II *yr.* Shattuck Scholar. Mathematics.

Horne, Irving Williams, *Berlin, N.H.* 9 Felton St.
A.B. (*Bowdoin Coll., Me.*) 1886, A.M. (*ibid.*) 1889. Superintendent of Schools, 1892–1902, Braintree. I *yr.* Mathematics.

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Horton, Walter Gregg, *Boston*, 26 Braemore R'd, [Boston.
A.B. 1888, A.M. 1890, LL.B. 1893. III *yr.* Education.

Hosmer, Frederick Charles, *Somerville*, 13 Arlington St., Somer.
A.B. (*Boston Univ.*) 1897. Principal, 1901–02, Sanderson Academy, Ashfield. I *yr.* History, Education.

Howard, Arthur Day, *Glencoe, Ill.* 32 Gorham St.
S.B. (*Amherst Coll.*) 1898, S.M. (*Northwestern Univ., Ill.*) 1901. Teaching Fellow, 1901–02, Northwestern University. I *yr.* Thayer Scholar. Zoölogy.

Hoyle, Alexander Edward, *Concord*, Concord.
A.B. 1902. I *yr.* Architecture.

Huggins, Gurry Ellsworth, *Lamar, Mo.* S. 25.
Litt.B. (*Univ. of the State of Missouri*) 1898, A.M. (*Harvard Univ.*) 1901. Instructor in Philosophy, and Principal of the Preparatory School, 1898–1900, University of Idaho. II *yr.* Philosophy.

Humphreys, Wilber Ray, *Van Wert, O.* 64 Kirkland St.
A.B. 1901. I *yr.* English.

Huntington, Ellsworth, *Milton*, 10 Ashton Pl.
A.B. (*Beloit Coll., Wis.*) 1897, A.M. (*Harvard Univ.*) 1902. Tutor in Science, and President's Assistant, 1897–1901, Euphrates College, Turkey. II *yr.* Thayer Scholar. Geology.

Hutchinson, William Scott, *Montreal, Que.* 1691 Cambridge St.
S.B. (*McGill Univ., Que.*) 1899, S.M. (*ibid.*) 1900. Demonstrator of Chemistry, 1899–1901, McGill University. II *yr.* Chemistry.

Hutchison, Percy Adams, *Cambridge*, 371 Harvard St.
A.B. 1898, A.M. 1902. II *yr.* Assistant in Philosophy. Philosophy.

Johnson, Edgar Hutchinson, *Oxford, Ga.* 53 Oxford St.
S.B. (*Emory Coll., Ga.*) 1891, S.M. (*Univ. of Chicago, Ill.*) 1899. Professor of History and Economics, Emory College, on leave of absence. I *yr.* History and Political Science.

Johnston, Charles Hughes, *Chapel Hill, N.C.* 5 Ashton Pl.
A.B. (*Univ. of North Carolina*) 1898. Teacher, 1899–1902, Bingham School, Mebane, N.C. I *yr.* Philosophy.

Johnston, John Robert, *Jamaica Plain*, 28 Pond St., Jam. Pl.
S.B. 1902. I *yr.* Austin Teaching Fellow in Botany. Botany.

Jones, Albert Lincoln, *San José, Cal.* 14 Sumner St.
A.B. (*Leland Stanford Jr. Univ., Cal.*) 1895. Principal, 1900–02, Oakdale High School, Cal. I *yr.* Mathematics.

Jones, Henry Craig, *Grundy Centre, Ia.* 2 Gorham St.
A.B. (*Cornell Coll., Ia.*) 1900. Instructor in History and German, 1900–02, Algona High School, Ia. I *yr.* History and Government.

Kanthlener, Henry Frederick, *Sioux City, Ia.* 26 Trowbridge St.
A.B. (*Cornell Coll., Ia.*) 1896, A.M. (*Harvard Univ.*) 1899. Professor of Greek, 1900–02, Morningside College, Ia. III *yr.* Classics.

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Kimball, Everett, *Worcester,* **F. 14.**
A.B. (*Amherst Coll.*) 1896, A.M. (*ibid.*) 1899, A.M. (*Harvard Univ.*) 1902. Teacher of History, Worcester Classical High School, on leave of absence. II *yr.* Assistant in History. History and Government.

Kimura, Barnabas Shigeharu, *Nikaido, Japan,* **Lawrence 18.**
A.B. (*Hobart Coll., N.Y.*) 1900. II *yr.* History.

Knapp, Fred Austin, *Lewiston, Me.* **6 Gibson Ter., Somer.**
A.B. (*Bates Coll., Me.*) 1896, A.M. (*Harvard Univ.*) 1902. Instructor in Latin, Bates College, on leave of absence. II *yr.* Classical Philology.

Lamb, Arthur Becket, *Attleboro,* **76 Hammond St.**
A.B. (*Tufts Coll.*) 1900, A.M. (*ibid.*) 1900. Instructor in Chemistry, 1901–02, Tufts College. I *yr.* Chemistry.

Langmaid, John Frank, *Salem,* **H'ke 50.**
A.B. 1902. I *yr.* Assistant in Chemistry. Chemistry.

Larrabee, Austin Park, *Gardiner, Me.* **3 Norris St.**
A.B. (*Bowdoin Coll., Me.*) 1901. Assistant in Biology, 1901–02, Bowdoin College. I *yr.* Virginia Barret Gibbs Scholar. Zoölogy.

Latta, James Edward, *Chapel Hill, N.C.* **9 Ashton Pl.**
Ph.B. (*Univ. of North Carolina*) 1899, A.M. (*ibid.*) 1900. Instructor in Physics, University of North Carolina, on leave of absence. I *yr.* University Scholar. Physics and Mathematics.

Law, Robert Adger, *Spartanburg, S.C.* **1673 Cambridge St.**
A.B. (*Wofford Coll., S.C.*) 1898, A.M. (*Trinity Coll., N.C.*) 1902. Assistant in English, 1901–02, Trinity College, N.C. I *yr.* English.

Lawrence, William Witherle, *Portland, Me.* **Ware 43.**
A.B. (*Bowdoin Coll., Me.*) 1898, Student, *Univ. of Leipsic, Germany,* 1898–99, A.M. (*Harvard Univ.*) 1900. IV *yr.* Instructor in German. English.

Lawson, David, *Grafton, N.S.* **378 Harvard St.**
A.B. (*Dalhousie Univ., N.S.*) 1900, A.M. (*ibid.*) 1902. I *yr.* Economics.

Leighton, Walter Larabee, *Roxbury,* **W. 40.**
A.B. 1901, A.M. 1902. II *yr.* English.

Leland, Waldo Gifford, *Newton Lower Falls,* **Newton Lower Falls.**
A.B. (*Brown Univ., R.I.*) 1900, A.M. (*Harvard Univ.*) 1901. III *yr.* Assistant in History. History.

Lewis, George Randall, *Wollaston,* **W. 53.**
A.B. 1902. I *yr.* University Scholar. Economics.

Lichtenstein, Walter, *Hoboken, N.J.* **1673 Cambridge St.**
Ph.B. (*New York Univ.*) 1899, A.B. (*Harvard Univ.*) 1900, A.M. (*ibid.*) 1901. III *yr.* Thayer Scholar. History.

Lindemann, Charles Arthur, *E. Norwalk, Conn.* **357 Harvard St.**
A.B. (*Bucknell Univ., Pa.*) 1898, A.M. (*ibid.*) 1899. Instructor in Mathematics, Bucknell University, on leave of absence. I *yr.* Engineering.

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Linforth, Ivan Mortimer, *Berkeley, Cal.* 66 Kirkland St.
A.B. (*Univ. of California*) 1900, A.M. (*ibid.*) 1901. Reader in Latin, 1900–02, University of California. I *yr.* Scholar of the Harvard Club of San Francisco. Classical Philology.

Locke, William Ware, *Jamaica Plain,* 23 Carolina Ave., Jam. Pl.
S.B. (*Worcester Polytechnic Inst.*) 1877, S.T.B. (*Harvard Univ.*) 1885. Superintendent, Helen Weld House, Jamaica Plain. I *yr.* Education.

Long, Percy Waldron, *Philadelphia, Pa.* 18 Prescott St.
A.B. 1898, A.M. 1900. III *yr.* Comparative Literature.

Longwell, Horace Craig, *Philadelphia, Pa.* 48 Dana St.
A.B. (*Univ. of Pennsylvania*) 1898, Graduate Student, *ibid.*, 1899–1902. I *yr.* Philosophy.

Look, Samuel Miller, *Prattsburgh, N. Y.* 1673 Cambridge St.
A.B. (*Leland Stanford Jr. Univ., Cal.*) 1895. Assistant Professor of English, 1896–99, Pennsylvania Military College. II *yr.* English.

Lorch, Emil, *Detroit, Mich.* 16 Mellen St.
Student, *Lawrence Scientific School,* 1901–02. Registrar, and Director's General Assistant, 1899–1901, Art Institute of Chicago. I *yr.* Assistant in Architecture. Architecture.

Lowes, John Livingston, *Madison, Ind.* 74 Oxford St.
A.B. (*Washington and Jefferson Coll., Pa.*) 1888, A.M. (*ibid.*) 1891, Gr., *Western Theol. Seminary, Pa.*, 1894, Student, *Univ. of Leipsic, Germany,* 1894–95, Ph.D. *Honorary* (*Washington and Jefferson Coll., Pa.*) 1901. Adjunct Professor of Mathematics, 1888–91, Washington and Jefferson College. Professor of Ethics and Christian Evidences, and Instructor in English, 1895–1901, Hanover College, Ind. Professor of Ethics and English Literature, 1901–02, Hanover College. I *yr.* English, Philosophy.

McCarthy, Maurice Lawrence, *Haverhill,* 1170 Mass. Ave.
A.B. 1900. II *yr.* Assistant in Chemistry. Chemistry.

McIlwain, Charles Howard, *Cambridge,* 29 Everett St.
A.B. (*Princeton Univ., N.J.*) 1894, A.M. (*ibid.*) 1898. II *yr.* History.

McKay, Thomas Calvin, *Dartmouth, N. S.* 20 Martin St.
A.B. (*Dalhousie Univ., N. S.*) 1893, A.M. (*ibid.*) 1898, A.M. (*Harvard Univ.*) 1899. Principal, 1894–96, Parraboro High School, N. S. V *yr.* Assistant in Physics. Physics.

Marean, Herbert Wheeler, *Washington, D.C.* 15 Inman St.
A.B. (*Colgate Univ., N. Y.*) 1901. Assistant in Soil Survey, U. S. Department of Agriculture, on leave of absence. I *yr.* Townsend Scholar. Geology.

Mark, Kenneth Lamartine, *Cambridge,* 109 Irving St.
A.B. 1898, A.M. 1900. IV *yr.* Assistant in Chemistry. Chemistry.

Marshall, Leon Carroll, *Zanesville, O.* G. 25.
A.B. (*Ohio Wesleyan Univ.*) 1900, A.B. (*Harvard Univ.*) 1901, A.M. (*ibid.*) 1902. II *yr.* Henry Lee Memorial Fellow. Economics.

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Mason, Mortimer Phillips, *Boston,* 347 Commonwealth Ave.,
A.B. 1899, A.M. 1900. I *yr.* John Harvard Fellow. Philosophy. [Boston.

Mason, Thomas Augustus, *Northfield,* F. 3.
A.B. (*Dartmouth Coll., N.H.*) 1901. Teacher of French, 1901–02, Hanover High School, N.H. I *yr.* Romance Languages.

May, Benjamin Dexter, *Needham,* Needham.
A.B. (*Tufts Coll.*) 1898. II *yr.* Education, History.

Meriam, Junius Lathrop, *Albany, N.Y.* D. 37.
A.B. (*Oberlin Coll., O.*) 1895, Pd.B. (*New York State Normal Coll.*) 1898, A.M. (*Harvard Univ.*) 1902. Critic and Supervisor, New York State Normal College, on leave of absence. II *yr.* Assistant in Philosophy. Philosophy, Education.

Meylan, George Louis Julien, *Cambridge,* 12 Ellsworth Ave.
M.D. (*New York Univ.*) 1896, S.B. (*Harvard Univ.*) 1902. Physical Director, Boston Y. M. C. A. I *yr.* Somatology, Education.

Michell, Robert Bell, *Perth, Ont.* 57 Wendell St.
A.B. (*Univ. of Toronto, Ont.*) 1900, A.M. (*Harvard Univ.*) 1901. III *yr.* Edward Austin Fellow. Romance Languages.

Michelson, Truman, *New Rochelle, N.Y.* C. 21.
A.B. 1902. I *yr.* George and Martha Derby Scholar. Indic Philology.

Miles, Rufus Edward, *Worcester,* 61 Oxford St.
A.B. (*Amherst Coll.*) 1899. II *yr.* Henry Bromfield Rogers Memorial Fellow. Philosophy.

Mille, Alban Bertram de, *Halifax, N.S.* 70 Kirkland St.
A.B. (*King's Coll., N.S.*) 1893, A.M. (*ibid.*) 1896. Professor of English, King's College, N.S., on leave of absence. I *yr.* English.

Miller, Ernest Allan, *Ithaca, N.Y.* Mass. Inst. Tech.
S.B (*Cornell Univ., N.Y.*) 1899, A.M. (*Columbia Univ., N.Y.*) 1900. Instructor in Mathematics, Massachusetts Institute of Technology. I *yr.* Mathematics.

Miller, Edmund Thornton, *Weatherford, Tex.* 32 Irving St.
A.B. (*Weatherford Coll., Tex.*) 1897, A.B. (*Univ. of Texas*) 1900, A.M. (*ibid.*) 1901. Teacher of English and History, 1901–02, Waxahachie High School, Tex. I *yr.* History and Political Science.

Miller, Herbert Adolphus, *Newton,* 240 Washington St., Newton.
A.B. (*Dartmouth Coll., N.H.*) 1899, A.M. (*ibid.*) 1902. Assistant Professor of Sociology, Fisk University, Tenn., on leave of absence. I *yr.* Philosophy.

Moore, Jared Sparks, *Baltimore, Md.* 86 Buckingham St.
A.B. (*Johns Hopkins Univ., Md.*) 1900. I *yr.* Philosophy.

Morris, Charles Clements, *Bellbrook, O.* 12 Kirkland Pl.
Ph.B. (*Univ. of Michigan*) 1899. Teacher of Mathematics, Mt. Hermon School, on leave of absence. I *yr.* Mathematics.

Morrison, Frederic William, *Allston,* 24 Gardner St., Allston.
A.B. 1900, A.M. 1902. III *yr.* Assistant in French. Romance Languages.

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Morse, Horace Henry, *Somerville,* 27 Hudson St., Somer.
A.B. 1900, A.M. 1901. II *yr.* Assistant in History. History and Government, Slavic.

Mustard, William, *Talmage, Kan.* 436 Broadway.
A.B. (*Univ. of Kansas*) 1902. I *yr.* German, English.

Myrick, Arthur Beckwith, *Brooklyn, N.Y.* 11 Sumner St.
A.B. 1900, A.M. 1901. III *yr.* Austin Teaching Fellow in Romance Languages. Romance Philology.

Nadal, Thomas William, *Milroy, Ind.* 58 Kirkland St.
A.B. (*DePauw Univ., Ind.*) 1898. Professor of English Literature and Oratory, Olivet College, Mich., on leave of absence. I *yr.* English.

Nash, Fred Jay, *Worcester,* 12 Kirkland Pl.
A.B. (*Yale Univ., Conn.*) 1900. Teacher of Greek and History, 1901–02, University Preparatory School, Ithaca, N.Y. I *yr.* History.

Neal, Robert Wilson, *Lawrence, Kan.* 19 Ellsworth Ave.
A.B. (*Univ. of Kansas*) 1898, A.M. (*ibid.*) 1899, Graduate Student, *Yale Univ., Conn.*, 1898–1900. Instructor in English, 1901–02, University of Cincinnati. I *yr.* English.

Nelson, Roy Batchelder, *Oshkosh, Wis.* 409 Broadway.
A.B. (*Univ. of Chicago, Ill.*) 1901. University Fellow, University of Chicago. I *yr.* Comparative Philology.

Newell, James Blair, *Los Angeles, Cal.* 111 Hammond St.
A.B. (*Leland Stanford Jr. Univ., Cal.*) 1894. Principal, 1897–1900, Santa Paula Union High School, Cal. II *yr.* University Scholar. History and Government.

Norton, Arthur Edwin, *Cambridge,* 1 Charles River R'd.
Ph.B. (*Brown Univ., R.I.*) 1900. Instructor in Mechanical Drawing, 1900–01, Drexel Institute, Philadelphia, Pa. II *yr.* Instructor in Mechanical Drawing. Engineering.

Oldfather, William Abbott, *Hanover, Ind.* 16 Carver St.
A.B. (*Hanover Coll., Ind.*) 1899, A.B. (*Harvard Univ.*) 1901, A.M. (*ibid.*) 1902. Superintendent of Schools, 1899–1900, Charlestown, Ind. II *yr.* Shattuck Scholar. Classical Philology.

Owen, Lincoln, *W. Roxbury,* 53 Montview St., W. Rox.
A.B. (*Colby Univ., Me.*) 1889, A.M. (*ibid.*) 1892. Master of the Rice Training School, Boston. I *yr.* Psychology and Education.

Page, Frank Russell, *Watertown,* Watertown.
A.B. 1898. Superintendent of Schools, Watertown. III *yr.* German.

Paige, Clifton Harlan, *Cambridge,* 3 Brattle Sq.
B.A.S. 1902. I *yr.* Landscape Architecture.

Parsons, Willard Giles, *Berkeley, Cal.* 8 Irving Ter.
A.B. (*Univ. of California*) 1900, Student, *Univs. of Berlin and Munich, Germany,* 1900–02. I *yr.* Classical Philology.

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Pearson, Joseph Cleaveland, *Brunswick, Me.* 111 Trowbridge St.
A.B. (*Bowdoin Coll., Me.*) 1900. Assistant in Physics, 1900–01, Bowdoin College. II *yr.* Whiting Fellow. Physics and Mathematics.

Pease, Arthur Stanley, *Andover,* P. 10.
A.B. 1902. I *yr.* Charles Haven Goodwin Scholar. Classics.

Peters, Amos William, *Warren, O.* 4 Cottage Circle, W. Somer.
Litt.B. (*Adelbert Coll. of Western Reserve Univ., O.*) 1897, A.M. (*Harvard Univ.*) 1901. Teacher of Science, 1897–1900, Warren High School, O. III *yr.* Austin Teaching Fellow in Zoölogy. Zoölogy.

Philips, William Pyle, *West Chester, Pa.* P. 63.
A.B. (*Haverford Coll., Pa.*) 1902. Graduate Fellow of Haverford College. I *yr.* English.

Pollard, Harold Stanley, *Boston,* G. 39.
A.B. 1902. I *yr.* English.

Porter, Horace Chamberlain, *Champaign, Ill.* 54 Hammond St.
A.B. (*Univ. of Illinois*) 1897, S.B. (*ibid.*) 1899, S.M. (*ibid.*) 1900, A.M. (*Harvard Univ.*) 1901. III *yr.* Thayer Scholar. Chemistry.

Price, William Hyde, *Cambridge,* 87 Hammond St.
A.B. (*Tufts Coll.*) 1901, A.M. (*ibid.*) 1901, A.M. (*Harvard Univ.*) 1902. II *yr.* Thayer Scholar. Economics.

Pultz, John Leggett, *New York, N. Y.* 10 Oxford St.
Student, *Lawrence Scientific School,* 1900–02. I *yr.* Mining.

Raggio, Andrew Paul, *Austin, Tex.* 46 Mt. Vernon St.
A.B. (*Univ. of Texas*) 1896, A.M. (*Harvard Univ.*) 1902. II *yr.* Romance Languages.

Randolph, Charles Brewster, *Cambridge,* 17 Gray St.
A.B. (*Wabash Coll., Ind.*) 1896, A.M. (*Harvard Univ.*) 1902. Instructor in Latin and Greek, 1897–1900, University of Illinois Preparatory School. II *yr.* Leverett Saltonstall Scholar. Classical Philology.

Rankin, Edwin Moore, *Lexington, Mo.* 32 Irving St.
A.B. (*Vanderbilt Univ., Tenn.*) 1896, A.M. (*ibid.*) 1897, A.M. (*Harvard Univ.*) 1898. Professor of Greek and Latin, 1900–01, Weatherford College, Tex. III *yr.* Townsend Scholar. Classical Philology.

Ransom, William Richard, *Tufts College,* Tufts College.
A.B. (*Tufts Coll.*) 1898, A.M. (*ibid.*) 1898. Walker Special Instructor in Mathematics, Tufts College. II *yr.* Instructor in Mathematics. Mathematics.

Reed, William Howell, Jr. *Roxbury,* 81 Walnut Ave., Roxbury.
A.B. 1898, A.M. 1899. V *yr.* Instructor in German. Germanic Philology.

Remick, Timothy Goodyear, *Geneva, N. Y.* 29 Ellsworth Ave.
A.B. (*Hobart Coll., N. Y.*) 1899. II *yr.* English.

Reynolds, Frederick William, *Salt Lake City, Utah,* Felton 12.
S.B. (*Univ. of Utah*) 1895, A.B. (*Harvard Univ.*) 1900, A.M. (*ibid.*) 1902. Instructor in English, University of Utah, on leave of absence. III *yr.* Instructor in English. English.

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Rice, Richard Ashley, *Williamstown*, M. 40.
A.B. (*Williams Coll.*) 1899. Assistant Master in English and History, 1899–1900, Lawrenceville School, N.J. II *yr.* English.

Rice, William Chauncey, *Springfield*, 1697 Cambridge St.
A.B. (*Wesleyan Univ., Conn.*) 1901, A.M. (*Yale Univ.*) 1902. I *yr.* History and Political Science.

Riggs, Stephen Williamson, *Santee, Neb.* C. 38.
A.B. (*Colorado Coll.*) 1899. I *yr.* History, Romance Languages.

Roberts, Guy Hall, *Minneapolis, Minn.* 64 Highland Ave.
A.B. (*Univ. of Minnesota*) 1899, A.M. (*Harvard Univ.*) 1901. III *yr.* Assistant in Government. History.

Rogers, David Camp, *New Britain, Conn.* 92 Wendell St.
A.B. (*Princeton Univ., N.J.*) 1899, A.M. (*Harvard Univ.*) 1902. II *yr.* Assistant in Philosophy. Philosophy.

Rouse, John Edward, *Gays, Ill.* 15 Mellen St.
S.D.B. (*State Normal, Warrensburg, Mo.*) 1891, A.B. (*Lincoln Univ., Ill.*) 1894, A.M. (*Univ. of Kansas*) 1896, A.M. (*Harvard Univ.*) 1901. IV *yr.* Townsend Scholar. Philosophy.

Royce, Christopher, *Cambridge*, 103 Irving St.
A.B. 1900. III *yr.* Mathematics and Astronomy.

Rugg, George, *Chicopee Falls*, 364 Harvard St.
A.B. (*Amherst Coll.*) 1883. Principal, 1900–02, Chicopee High School. I *yr.* Education.

Russe, Frederick William, *Memphis, Tenn.* 54 Mt. Auburn St.
A.B. 1902. I *yr.* Assistant in Chemistry. Chemistry.

Saltus, Rollin Sanford, *Cambridge*, Harvard Union.
A.B. (*Trinity Coll., Conn.*) 1892. III *yr.* Forestry.

Salvio, Alphonso de, *Boston*, 92 Wendell St.
A.B. (*Trinity Coll., Conn.*) 1899. II *yr.* Toppan Scholar. Romance Philology.

Sampson, Hiram Calvin, *Pullman, Wash.* 30 Wendell St.
A.B. (*Univ. of Indiana*) 1897. Assistant Professor of English, Washington Agricultural College and School of Science, on leave of absence. I *yr.* Austin Scholar. English.

Saunderson, Henry Hallam, *Dorchester*, 6 Thacher R'd, Dor.
Ph.B. (*Hamline Univ., Minn.*) 1896, A.B. (*Harvard Univ.*) 1898. III *yr.* Philosophy.

Saville, Richard Littlehale, *Waban*, 1697 Cambridge St.
A.B. 1902. I *yr.* Modern Languages.

Seaver, Henry Latimer, *Dorchester*, 39 Allston St., Dor.
A.B. 1900. Instructor in English, Massachusetts Institute of Technology. I *yr.* English.

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Sedgwick, Manton Russell, *Lenox,* **16 Mellen St.**
A.B. (*Amherst Coll.*) 1902. I *yr.* English.

Seiberth, Philipp, *Indianapolis, Ind.* **67 Oxford St.**
A.M. (*Indiana Univ.*) 1898. I *yr.* Instructor in German. German.

Serviss, Schuyler B, *Amsterdam, N. Y.* **T. 34.**
A.B. 1902. I *yr.* Assistant in Physics. Physics.

Severance, Walter Edwin, *Lynn,* **Braintree.**
A.B. 1895, A.M. 1902. Principal, Braintree High School. IV *yr.* Education.

Shaffer, Philip Anderson, *Martinsburg, W. Va.* **McLean Hosp., Waverley.**
A.B. (*West Virginia Univ.*) 1900. II *yr.* Chemistry.

Shaw, Marlow Alexander, *Merton, Ont.* **D. 22.**
A.B. (*Univ. of Toronto, Ont.*) 1896, Graduate Student, *ibid.*, 1896–98. II *yr.* Thayer Scholar. Philosophy.

Shearer, Augustus Hunt, *Philadelphia, Pa.* **66 Kirkland St.**
A. B. (*Rutgers Coll., N. J.*) 1899, A.B. (*Harvard Univ.*) 1900, A.M. (*ibid.*) 1901. IV *yr.* Assistant in History. History.

Shipman, Henry Robinson, *Hartford, Conn.* **54 Garden St.**
A.B. (*Yale Univ., Conn.*) 1899, A.M. (*Harvard Univ.*) 1901. III *yr.* Assistant in History. History and Government, Slavic.

Sills, Kenneth Charles Morton, *Geneva, N. Y.* **W. 35.**
A.B. (*Bowdoin Coll., Me.*) 1901. II *yr.* Assistant in English. Proctor. English.

Smiley, Charles Newton, Jr. *Chillicothe, Mo.* **67 Avon St., Somer.**
A.B. (*Drury Coll., Mo.*) 1897, A.M. (*ibid.*) 1900. Instructor in Latin, 1897–1902, Drury Academy, Mo. I *yr.* Scholar of the Harvard Club of St. Louis. Classical Philology.

Smith, Alpheus William, *Philippi, W. Va.* **2 Gorham St.**
A.B. (*West Virginia Univ.*) 1900. Teacher of Science, 1900–01, West Liberty State Normal School, W. Va. I *yr.* Physics and Mathematics.

Smith, Earnest Everett, *Foxboro,* **Foxboro.**
A.B. 1902. I *yr.* History.

Smith, Grant, *Madison, Wis.* **19 Ellsworth Ave.**
S.B. (*Univ. of Wisconsin*) 1897, S.M. (*ibid.*) 1899. Instructor in Zoölogy, 1899–1901, Beloit College, Wis. II *yr.* Austin Teaching Fellow in Zoölogy. Zoölogy.

Smith, Lyman Gorham, *Roxbury,* **15 Homestead St., Roxbury.**
A.B. 1892. Junior Master in the Roxbury High School. III *yr.* Chemistry.

Smith, Paul Shortt, *Cambridge, N. Y.* **Wadsworth 15.**
Student, *Harvard Coll.*, 1898–1902. I *yr.* Chemistry.

Smith, Walter Robinson, *Prathersville, Mo.* **5 Appian Way.**
Ph.B. (*Missouri Valley Coll., Mo.*) 1899, Ph.M. (*Univ. of Chicago, Ill.*) 1901. I *yr.* History.

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Snow, Louis Franklin, *W. Newton*, 80 Berkeley St., W. Newton.
Ph.B. (*Brown Univ., R.I.*) 1887, A.B. (*Harvard Univ.*) 1889, A.M. (*ibid.*) 1890, Graduate Student, *Columbia Univ., N.Y.*, 1900–02. Dean, 1892–1900, Women's College, Brown University, R.I. II *yr.* Education.

Spaulding, Ernest Leonard, *Jaffrey, N. H.* 11 William St., Somer.
A.B. (*Tufts Coll.*) 1900, A.M. (*Harvard Univ.*) 1902. III *yr.* Classical Philology.

Stanton, Coleridge Edwin, *Roseburg, Ore.* 41A Irving St.
A.B. (*Univ. of Oregon*) 1901. I *yr.* Classical Philology.

Stickney, Malcolm Enos, *Brownsville, Me.* P. 31.
A.B. (*Bates Coll., Me.*) 1898, A.B. (*Harvard Univ.*) 1899, A.M. (*ibid.*) 1900. IV *yr.* Botany.

Stone, Ralph Bushnell, *Otter River,* 3 Sumner St.
A.B. (*Bowdoin Coll., Me.*) 1902. I *yr.* Mathematics.

Storey, Ralph Ewing, *McMinnville, Ore.* 80 Hammond St.
Litt.B. (*McMinnville Coll., Ore.*) 1895, A.B. (*Brown Univ., R.I.*) 1899. Professor of English, McMinnville College, on leave of absence. I *yr.* English.

Story, Charles Louis, *Dixon, Cal.* 69 Mt. Auburn St.
A.B. (*Leland Stanford Jr. Univ., Cal.*) 1898, A.M. (*ibid.*) 1900. Professor of English, 1900–01, Pacific Methodist College, Cal. I *yr.* English.

Stull, Wilfred Newsome, *Iowa City, Ia.* 47 Lowell St., Somer.
S.B. (*State Univ. of Iowa*) 1898, S.M. (*ibid.*) 1899. Assistant in Chemistry, 1899–1901, Iowa College. II *yr.* Edward Austin Fellow. Chemistry.

Sturtevant, Albert Morey, *Hartford, Conn.* 111 Hammond St.
A.B. (*Trinity Coll., Conn.*) 1898, A.B. (*Harvard Univ.*) 1899, A.M. (*ibid.*) 1901. IV *yr.* Austin Teaching Fellow in German. Germanic Philology.

Swartzel, Karl Dale, *Columbus, O.* 6 Kirkland R'd.
S.B. (*Ohio State Univ.*) 1893, S.M. (*ibid.*) 1894. Assistant Professor of Mathematics, Ohio State University, on leave of absence. I *yr.* Austin Scholar. Mathematics.

Tatlock, John Strong Perry, *New York, N.Y.* 11 Francis Ave.
A.B. 1896, A.M. 1897. Instructor in English, University of Michigan, on leave of absence. III *yr.* Assistant in English. Austin Scholar. English.

Taylor, Edson Homer, *Charleston, Ill.* 6 Ashton Pl.
S.B. (*National Normal Univ., O.*) 1896. Teacher of Mathematics, Eastern Illinois State Normal School, on leave of absence. I *yr.* Mathematics.

Taylor, Lucien Edward, *Providence, R.I.* 16 Oxford St.
A.B. (*Brown Univ., R.I.*) 1895, A.M. (*Harvard Univ.*) 1896. Instructor in French, 1896–97, Brown University. VII *yr.* Education.

Thomas, Simeon E, *Iowa City, Ia.* H'ke 1.
Ph.B. (*Upper Iowa Univ.*) 1898, A.M. (*State Univ. of Iowa*) 1901. Assistant Instructor in Political Science, 1901–02, State University of Iowa. I *yr.* University Scholar. History.

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Thompson, William Joseph, *Newtonville*, 440 Newtonville Ave., N'ville.
S.B. (*Univ. of Pennsylvania*) 1884, S.T.B. (*Drew Theological Sem., N. J.*) 1892, A.M. (*Harvard Univ.*) 1901. Pastor, Methodist Episcopal Church, Newtonville. IV *yr.* Government, Education.

Todd, Arthur Somerville, *Roxbury*, 40 St. James St., Rox.
A.B. 1896, Student, *Univ. of Leipsic, Germany*, 1900–01. Sub-Master, 1901–02, Roxbury Latin School. I *yr.* History and Government.

Tompkins, Perry Thomas, *Berkeley, Cal.* 109 Hammond St.
Litt.B. (*Univ. of California*) 1892. Head of the Department of Science, Lowell High School, San Francisco, Cal., on leave of absence. II *yr.* Austin Scholar. Physics and Chemistry.

Tonks, Oliver Samuel, *Malden*, D. 41.
A.B. 1898, A.M. 1899. V *yr.*: IV *yr.* as *Resident Student.* Townsend Scholar. Classical Archaeology.

Travis, John Francis, *Green Camp, O.* 66 Wendell St.
A.B. (*Ohio State Univ.*) 1900, A.M. (*ibid.*) 1902. Fellow and Assistant in Mathematics, 1900–02, Ohio State University. I *yr.* University Scholar. Mathematics.

Trout, Edgar Earl, *Wayne, Pa.* 12 Kirkland Pl.
A.B. (*Haverford Coll., Pa.*) 1902. I *yr.* Mathematics.

Trowbridge, Edwin Kellogg, *New York, N. Y.* 386 Commonw'th Ave., Bost'n.
A.B. (*Williams Coll.*) 1899, A.M. (*Columbia Univ., N. Y.*) 1900. I *yr.* Mathematics and Physics.

Tyng, Dudley, *Osaka, Japan*, P. 29.
A.B. 1902. I *yr.* Philosophy, History.

Van Wie, Charles Ben, *Cambridge*, 148 Austin St.
Ph.B. (*Illinois Wesleyan Univ.*) 1894, Ph.D. (*ibid.*) 1894, Ph.B. (*Univ. of Chicago, Ill.*) 1900, A.B. (*Harvard Univ.*) 1901. Professor of Pedagogy, 1898–1898, State Normal College, Ala. III *yr.* Assistant in Philosophy. Philosophy.

Violette, Eugene Morrow, *Kirksville, Mo.* 38 Sacramento St.
A.B. (*Central Coll., Mo.*) 1898, A.M. (*Univ. of Chicago, Ill.*) 1899. Professor of History, State Normal School, Kirksville, Mo., on leave of absence. I *yr.* Austin Scholar. History.

Walker, Francis Cox, *St. John, N.B.* P. 84.
A.B. (*Univ. of New Brunswick*) 1892, A.B. (*Harvard Univ.*) 1894, A.M. (*ibid.*) 1902. II *yr.* Gorham Thomas Scholar. English.

Wannamaker, William Hane, *St. Matthews, S.C.* 1663 Cambridge St.
A.B. (*Wofford Coll., S.C.*) 1895, A.M. (*Trinity Coll., N.C.*) 1901, A.M. (*Harvard Univ.*) 1902. II *yr.* Germanic Philology.

Webber, Arthur Balcom, *Cambridge*, 33 Lexington Ave.
A.B. 1892. II *yr.* Sub-Master, Harvard Grammar School, Cambridge. Education.

Weber, Hermann Julius, *Scarborough, Me.* 19 Wendell St.
Gr., *Johannine Gymnasium, Hamburg, Germany*, 1886. I *yr.* Germanic Philology.

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Webster, David Hutton, *San Diego, Cal.* 68 Kirkland St.
A.B. (*Leland Stanford Jr. Univ., Cal.*) 1896, A.M. (*ibid.*) 1897. Principal, 1900–02, Santa Paula Union High School, Cal. I *yr.* Austin Teaching Fellow in Economics. Economics.

Wellington, Raynor Greenleaf, *Roxbury,* M. 46.
A.B. 1902. I *yr.* History.

Wells, Louis Ray, *Mechanicville, N. Y.* 19 Ellsworth Ave.
A.B. (*Tabor Coll., Ia.*) 1897. Principal, 1897–1901, Mechanicville High School, N.Y. I *yr.* History and Government.

Wells, Roger Clark, *Syracuse, N. Y.* Drayton 8.
A.B. 1901. II *yr.* Austin Teaching Fellow in Chemistry. Proctor. Chemistry.

Wernaer, Robert Maximilian Ottomar, *Cambridge,* 1683 Cambridge St.
LL.B. (*Albany Law School, N. Y.*) 1887, Student, *Univs. of Leipsic and Heidelberg, Germany,* and *Geneva, Switzerland,* 1896–97, A.B. (*Harvard Univ.*) 1899, A.M. (*ibid.*) 1900. V *yr.* Instructor in German. German Literature.

Wheeler, Plumer, *Dorchester,* 9 Virginia St., Dor.
A.B. 1902. I *yr.* Assistant in Chemistry. Chemistry, Engineering.

Whitnall, Harold Orville, *Syracuse, N. Y.* 15 Inman St.
Ph.B. (*Colgate Univ., N. Y.*) 1900. Assistant in Geology, 1901–02, Colgate University. I *yr.* Geology.

Whittem, Arthur Fisher, *Cambridge,* 128 Elm St.
A.B. 1902. I *yr.* Austin Teaching Fellow in Romance Languages. Romance Languages.

Wightman, Alfred Reynolds, *Wickford, R. I.* 13 Mellen St.
A.B. (*Brown Univ., R.I.*) 1893, A.M. (*ibid.*) 1896, A.M. (*Harvard Univ.*) 1900. II *yr.* Classical Philology.

Wilder, Frederick Mason, *Brownville, Me.* 68 Kirkland St.
S.B. 1902. I *yr.* Geology.

Williams, David Charlton, *Chicago, Ill.* W. 31.
A.B. 1901. I *yr.* Engineering, Economics.

Wilson, Benjamin Frank, *Spartanburg, S. C.* 1673 Cambridge St.
A.B. (*Davidson Coll., N.C.*) 1884, Gr., *Princeton Theol. Seminary, N.J.*, 1887, A.M. (*Davidson Coll., N.C.*) 1896, D.D. (*Wofford Coll., S.C.*) 1902. President, 1890–1902, Converse College, S.C. I *yr.* History and Political Science.

Wilson, Stanley Kidder, *New York, N. Y.* 10 Mellen St.
A.B. (*Columbia Univ., N. Y.*) 1902. I *yr.* English.

Wolfe, Albert Benedict, *Arlington, Ill.* 20 Union P'k,
A.B. 1902. I *yr.* South End House Fellow. Economics. [Boston.

Wolfe, James Jacob, *Sandy Run, S. C.* 74 Sacramento St.
A.B. (*Wofford Coll., S. C.*) 1896, Graduate Student, *Univ. of Chicago, Ill.*, 1900–02. Principal, 1896–1900, Marion School, S.C. I *yr.* James Savage Scholar. Botany.

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Wood, Harry Oscar, *Gardiner, Me.* 1716 Cambridge St.
A.B. 1902. I *yr.* Assistant in Mineralogy and Petrography. Mineralogy and Geology.

Wright, Chester Whitney, *Montpelier, Vt.* G. 34.
A.B. 1901, A.M. 1902. I *yr.* Economics.

Wyman, Arthur Dickinson, *Cambridge,* 908 Mass. Ave.
A.B. 1901, A.M. 1902. II *yr.* Assistant in Chemistry. Chemistry, Slavic.

Yagi, Yasuzo, *Nagoya, Japan,* 57 Wendell St.
A.B. (*Keiogijuku Univ., Japan*) 1900. I *yr.* History and Political Science.

Yeames, Herbert Hilarion, *Arlington,* 15 Devereaux St., [Arlington.
A.B. 1895, A.M. 1896. II *yr.* Classical Philology.

Young, Karl, *Chicago, Ill.* F. 6.
A.B. (*Univ. of Michigan*) 1901, A.M. (*Harvard Univ.*) 1902. II *yr.* English.

Non-Resident Students.

NAME.	HOME RESIDENCE.	PRESENT ADDRESS.
Adams, Edwin Plimpton,	*Chicago, Ill.*	Cambridge, England.
S.B. (*Beloit Coll., Wis.*) 1899, S.M. (*Harvard Univ.*) 1901. IV *yr.*: II *yr.* as *Non-Resident Student.* John Tyndall Scholar. Physics.		[Baring Bros. & Co., [8 Bishopsgate St., Within, [London, E.C., England.
Bradshaw, John William,	*Oberlin, O.*	Strasburg, Germany.
A.B. (*Univ. of Michigan*) 1900, A.M. (*Harvard Univ.*) 1902. III *yr.*: I *yr.* as *Non-Resident Student.* Parker Fellow. Mathematics.		[Wimpfelingstr. 28.
Cameron, Donald,	*Wheelock, Tex.*	Göttingen, Germany.
A.B. (*Univ. of Texas*) 1895, A.M. (*ibid.*) 1896, A.M. (*Harvard Univ.*) 1900, Ph.D. (*ibid.*) 1902. Teacher of Latin and Greek, 1897–99, San Antonio High School, Texas. IV *yr.*: I *yr.* as *Non-Resident Student.* Parker Fellow. Classical Philology.		[American Express Co., [11 rue Scribe, [Paris, France.
Clark, John Taggart,	*Ashmont,*	Paris, France.
A.B. 1898, A.M. 1899, Ph.D. 1901. V *yr.*: II *yr.* as *Non-Resident Student.* John Thornton Kirkland Fellow. Romance Languages.		[8 rue de la Sorbonne.
Cope, Francis Reeve, Jr.	*Germantown, Pa.*	New York, N.Y.
A.B. (*Haverford Coll., Pa.*) 1900, A.B. (*Harvard Univ.*) 1901, A.M. (*ibid.*) 1902. II *yr.*: I *yr.* as *Non-Resident Student.* Robert Treat Paine Fellow. Social Science.		[111 Eldridge St.
Fuller, Apthorp Gould,	*Brookline,*	Oxford, England.
A.B. 1900, A.M. 1902. III *yr.*: I *yr.* as *Non-Resident Student.* John Harvard Fellow. Philosophy.		

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Fuller, Harold de Wolf, *Cleveland, O.*
A.B. (*Adelbert Coll. of Western Reserve Univ., O.*) 1897, A.B. (*Harvard Univ.*) 1898, A.M. (*ibid.*) 1900, Ph.D. (*ibid.*) 1902. VI *yr.*: I *yr.* as *Non-Resident Student.* Rogers Fellow. English.
Leyden, Holland,
[Hope & Co., Bankers,
[Amsterdam,
[Holland.

Gay, Harry Nelson, *Rome, Italy.*
A.B. (*Amherst Coll.*) 1891, A.M. (*Harvard Univ.*) 1896. VI *yr.*: III *yr.* as *Non-Resident Student.* John Harvard Fellow. History.
Rome, Italy.
[53 Via Poli.

Hale, William Jay, *Cambridge,*
A.B. (*Miami Univ., O.*) 1897, A.M. (*ibid.*) 1897, A.B. (*Harvard Univ.*) 1898, A.M. (*ibid.*) 1899, Ph.D. (*ibid.*) 1902. V *yr.*: I *yr.* as *Non-Resident Student.* Harris Fellow. Chemistry.
Berlin, Germany.
[Thomas Cook & Son,
[Ludgate Circus,
[London, England.

Hastings, Harold Ripley, *Nashua, N.H.*
A.B. (*Dartmouth Coll., N.H.*) 1900, A.M. (*Harvard Univ.*) 1902. Teacher of Latin and Greek, 1900–01, St. Paul's School, Concord, N.H. II *yr.*: I *yr.* as *Non-Resident Student.* Charles Eliot Norton Fellow. Classical Philology.
Athens, Greece.
[American School of
[Classical Studies.

Hocking, William Ernest, *Knoxville, Ia.*
A.B. 1901, A.M. 1902. II *yr.*: I *yr.* as *Non-Resident Student.* James Walker Fellow. Philosophy.
Göttingen, Germany.
[Bergstr. 9.

Philbrick, Francis Samuel, *Lincoln, Neb.*
S.B. (*Univ. of Nebraska*) 1897, A.M. (*ibid.*) 1899, Ph.D. (*Harvard Univ.*) 1902. IV *yr.*: I *yr.* as *Non-Resident Student.* John Harvard Fellow. History.
Lincoln, Neb.

Prentiss, Charles William, *Middlebury, Vt.*
A.B. (*Middlebury Coll., Vt.*) 1896, A.M. (*ibid.*) 1897, A.M. (*Harvard Univ.*) 1898, Ph.D. (*ibid.*) 1901. Instructor in Anatomy, 1900–01, Harvard School of Veterinary Medicine. V *yr.*: II *yr.* as *Non-Resident Student.* Parker Fellow. Zoölogy.
Strasburg, Germany.
[Schiltigheimer Platz 1.

Spooner, David Brainerd,
A.B. (*Leland Stanford Jr. Univ., Cal.*) 1899. I *yr.* Travelling Fellow in Indic Philology. Sanskrit.
Benares, India.
[The Sanskrit College.

Usher, Roland Greene, *Grafton,*
A.B. 1901, A.M. 1902. II *yr.*: I *yr.* as *Non-Resident Student.* Rogers Fellow. History and Political Science.
Oxford, England.

SUMMARY.

Number of Resident Students	301
Number of Non-Resident Students	15
Total	316

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Being Graduates of the following Institutions : —

Albany Law School	2
Albion College	1
Amherst College	10
Andover Theological Seminary	1
Bates College	3
Beloit College	4
Boston University	1
Bowdoin College	7
Brown University	10
Bucknell University	3
Carleton College	1
Central College	1
Colby College	2
Colgate University	3
Colorado College	1
Columbia University	5
Cornell College, Ia.	1
Cornell University, N. Y.	1
Dalhousie University	2
Dartmouth College	6
Davidson College	1
Denison University	2
De Pauw University	1
Dickinson College	1
Drew Theological Seminary	1
Drury College	1
Emory College	1
Episcopal Theol. School, Cambridge	1
Gates College	1
Hamilton College	1
Hamline University	1
Hanover College	1
Harvard University	172
Haverford College	5
Hebrew Union College	1
Hobart College	3
Illinois Wesleyan University	1
Indiana University	3
Johns Hopkins University	1
Kansas City University	1
Kenyon College	1
King's College	1
Leland Stanford Jr. University	6
Lincoln University	1
Lombard University	1
McGill University	1
McMinnville College	1
Manhattan College	1
Massachusetts Institute of Technology	1
Miami University	1
Michigan State Normal School	1
Middlebury College	2
Missouri Valley College	1
Mount Union College	1
National Normal University	1
New York State Normal College	1
New York University	4
Northwestern University	6
Oberlin College	1
Ohio State University	2
Ohio Wesleyan University	5
Polytechnic Institute of Brooklyn	1
Princeton University	3
Rutgers College	1
St. Lawrence University	1
State Normal, Warrensburg, Mo.	1
State University of Iowa	2
Swarthmore College	1
Tabor College	1
Trinity College, Conn.	5
Trinity College, N. C.	3
Tufts College	5
University of California	7
University of Chicago	7
University of Cincinnati	2
University of Illinois	1
University of Kansas	3
University of Michigan	7
University of Minnesota	1
University of Nebraska	1
University of New Brunswick	2
University of North Carolina	2
University of Oregon	2
University of Pennsylvania	2
University of Rochester	2
University of the State of Missouri	3
University of Texas	5
University of Toronto	3
University of Utah	1
University of Wisconsin	3
Upper Iowa University	1
Vanderbilt University	1
Wabash College	1
Washington and Jefferson College	2
Washington University	1
Weatherford College	1
Wesleyan University, Conn.	3
Western Reserve University	2
Western Theological Seminary	1
Western University	1
West Virginia University	3
Williams College	4
Wofford College	4
Worcester Polytechnic Institute	1
Yale University	6
Foreign Universities	4
	419
Names counted twice	87
" " thrice (8)	16
" " four times (1)	3
	106
	313
No degree	3
	316

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THE DIVINITY SCHOOL.

Resident Graduates.

NAME.	RESIDENCE.	ROOM.
Bowen, Clayton Raymond, A.B. (*Franklin Coll.*) 1898, (*Meadville Theol. School*) 1901, Williams Fellow,	*Wellsboro, Pa.*	D. 25.
Braithwaite, Edward Ernest, A.B. (*McGill Univ.*) 1886, S.T.B. (*Oberlin Coll.*) 1890, A.M. (*Harvard Univ.*) 1901,	*Unionville, Ont.*	37 Walden St.
Calhoun, Hall Laurie, A.B. (*Kentucky Univ.*) 1892, (*Coll. of the Bible, Ky.*) 1892, S.T.B. (*Yale Univ.*) 1902,	*Lexington, Ky.*	71 Sacramento St.
Geer, Francis Mortimer, (*Meadville Theol. School*) 1902,	*New York, N. Y.*	D. 1.
Holcomb, George Nahum, A.B. (*Trinity Coll.*) 1896, (*Divinity School of the Prot. Epis. Church in Philadelphia*) 1900, Williams Fellow,	*Philadelphia, Pa.*	D. 24.
Jewett, Frank Leonard, A.B. (*Kansas Univ.*) 1899, A.B. (*Harvard Univ.*) 1900, S.T.B. (*Univ. of Chicago*) 1902,	*Olathe, Kan.*	D. 4.
McConnell, Ray Madding, A.B. (*Southern Univ.*) 1899, S.T.B. (*Vanderbilt Univ.*) 1901, A.M. (*Harvard Univ.*) 1902,	*Talladega, Ala.*	D. 34.
Miller, Russell Benjamin, A.B. (*Ohio Wesleyan Univ.*) 1895, A.M. (*ibid.*) 1897, S.T.B. (*Boston Univ.*) 1901,	*Lynn,*	62 Trowbridge St.
Pètursson, Rögnvaldur, S.T.B. (*Meadville Theol. School*) 1902,	*Hallson, N. Dak.*	16 Howland St.
Wellman, Charles Phelps, (*Meadville Theol. School*) 1902,	*Winchester,*	D. 25.
Wenchel, John Frederic, (*Concordia Theol. Seminary*) 1898,	*Baltimore, Md.*	[Roslindale. 78 Kittredge St.,

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Senior Class.

Blodgett, Francis Branch, A.B. (*Hobart Coll.*) 1899, S.T.B. (*Epis. Theol. School, Cambridge*) 1902,	*Lexington,*	Lexington.
Forbes, Roger Sawyer, A.B. 1900,	*Brooklyn, N. Y.*	D. 15.
McNaugher, Samuel, A.B. (*Geneva Coll.*) 1889, (*Allegheny Reformed Presbyterian Theol. Seminary*) 1893,	*Cambridge,*	40 Dana St.
Ruess, Christopher George, A.B. 1900,	*Los Angeles, Cal.*	D. 9.

Middle Class.

Brewer, Clifton Hartwell, A.B. 1902,	*Lynn,*	D. 3.
Bullen, Walter Boardman, A.B. (*Brown Univ.*) 1899,	*New London, N.H.*	D. 12.
Crane, William Merriam, A.B. 1902,	*New York, N. Y.*	7 Lowell St.
Davis, Earl Clement, A.B. (*Bowdoin Coll.*) 1897,	*Auburn, Me.*	D. 21.
Drake, Durant, A.B. 1900,	*Boston,*	37 Fairfield St., Boston.
Hayward, Laurence, A.B. 1901,	*Marlboro,*	D. 17.
Holmes, John Haynes, A.B. 1902,	*Malden,*	D. 28.
Malick, John F, A.B. (*Antioch Coll.*) 1901,	*Amelia, O.*	D. 39.
Ramsay, Robert Ewart, A.B. 1899,	*Fall River,*	D. 35.

Junior Class.

Corson, Thomas Moody, A.B. 1902,	*Salem,*	118 Prospect St., Somer.
Davey, William Robert Parkhouse, A.B. (*Brown Univ.*) 1902, A.M. (*ibid.*) 1902,	*Providence, R.I.*	D. 14.
Foster, Marsden Rhodes, A.B. (*Brown Univ.*) 1898,	*E. Braintree,*	E. Braintree.
Hill, William Austin, A.B. (*Brown Univ.*) 1902,	*Arlington,*	D. 30.
Squires, Charles William, A.B. (*Mt. Allison Univ.*) 1900, A.M. (*ibid.*) 1902,	*Harbor Grace, N.F.*	84 Wendell St.
Weston, Harry Augustus, A.B. (*Univ. of Michigan*) 1902,	*Geneseo, Ill.*	D. 7.

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Special Students.

Foss, Calvin Whitten, LITT.B. (*Dartmouth Coll.*) 1900,	*Pittsfield, N.H.*	D. 42.
Hathaway, George Edgar,	*Providence, R.I.*	Porter.
Ives, Henry Goodson, S.B. (*Univ. of Pennsylvania*) 1897,	*Middletown, Conn.*	D. 11.
Meredith, Ernest Sidney, PH.B. (*Mt. Union Coll.*) 1902,	*Canton, O.*	D. 8.
Parker, William Henry, PH.B. (*Univ. of Wisconsin*) 1902,	*Eagle, Wis.*	D. 20.
Robinson, Alson Haven, S.B. (*Univ. of Maine*) 1901,	*Windsor, Vt.*	D. 39.
Seay, Frank, A.M. (*Southern Univ.*) 1899,	*Greensboro, Ala.*	D. 6.

SUMMARY.

Resident Graduates	11
Senior Class	4
Middle Class	9
Junior Class	6
Special Students	7
Total	37

Graduates of the following Colleges:—

Antioch College	1	University of Michigan	1
Bowdoin College	1	Mount Allison University	1
Brown University	4	Mount Union College	1
Dartmouth College	1	Ohio Wesleyan University	1
Franklin College	1	University of Pennsylvania	1
Geneva College	1	Southern University	2
Harvard University	12	Trinity College	1
Hobart College	1	University of Wisconsin	1
Kansas University	1		35
Kentucky University	1	Counted more than once	3
McGill University	1		32
University of Maine	1		

Graduates of the following Theological Seminaries:—

Allegheny Reformed Presbyterian Theological Seminary	1	Meadville Theological School	4
College of the Bible, Ky.	1	Oberlin College	1
Boston University	1	Divinity School of the Prot. Epis. Church in Philadelphia	1
University of Chicago	1	Vanderbilt University	1
Concordia Theological Seminary	1	Yale University	1
Episcopal Theological School, Cambridge	1		14

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THE LAW SCHOOL.

Third Year.

Alexander, Park Jacobus, A.B. (*Wash. and Jeff. Coll.*) 1900,	*Bridgeport, O.*	71 Hammond St.
Allen, James Sidney, Jr., A.B. (*Brown Univ.*) 1898,	*Brockton,*	W. H. 22.
Anderson, Clifford Spence, A.B. (*Brown Univ.*) 1900,	*Cambridge,*	P. 11.
Anderson, Robbins Battell, A.B. (*Yale Univ.*) 1899,	*Duluth, Minn.*	Lawrence 33.
Atherton, Percy Arad, A.B. 1900,	*Harvard,*	Craigie 202.
Baker, Horace Forbes, A.B. 1901,	*Youngstown, O.*	20 Prescott St.
Bamber, Samuel, A.B. 1901,	*Roxbury,*	46 W. Cottage St., Rox.
Barker, Burrill Devereux, A.B. 1901,	*Salem,*	Randolph 25.
Barnefield, Ralph Tillinghast, A.B. 1900,	*Pawtucket, R.I.*	P. 44.
Barnum, Hendrick Ware, A.B. (*St. Lawrence Univ.*) 1899, A.M. (*ibid.*) 1900, A.B. (*Harvard Univ.*) 1900,	*Danbury, Conn.*	10 Follen St.
Bartlett, Josiah Calef, Jr., A.B. 1900,	*Chicago, Ill.*	43 Irving St.
Bassity, Joseph Francis, A.B. 1901,	*So. Boston,*	85 C St., So. Boston.
Bateman, Thomas Robert, A.B. 1900,	*Boston,*	30 Chambers St., Boston.
Bauer, Frederic Gilbert, A.B. 1900,	*Jamaica Plain,*	20 Burroughs St., [Jam. Plain.
Bell, Joseph Pitman, A.B. (*Bowdoin Coll.*) 1900,	*Andover,*	Prescott 8.
Benesch, Alfred Abraham, A.B. 1900, A.M. 1901,	*Cleveland, O.*	C. 2.
Bidwell, Raymond Austin, A.B. 1899,	*Springfield,*	C't 37.
Blythe, Hugh, A.B. 1901,	*Burlington, Ia.*	Westmorly 45.

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Bobb, Dwight St. John, A.B. (*Northwestern Univ.*) 1899, A.M. (*Harvard Univ.*) 1900,	*Dakota, Ill.*	Gnt. 2.
Bock, Charles, A.B. 1900,	*Buffalo, N. Y.*	H'ke 25.
Bonsall, Ward, A.B. 1898,	*Salem, O.*	10 Mellen St.
Briesen, Ernst von, B.L. (*Univ. of Wisconsin*) 1900,	*Columbus, Wis.*	65 Hammond St.
Brooks, Edwin Miller, A.B. (*Amherst Coll.*) 1899,	*Wellesley,*	8 Abbott St., Wellesley.
Brown, Nelson Pierce, A.B. (*Dartmouth Coll.*) 1899,	*Everett,*	38 Oakes St., Everett.
Buchanan, Malcolm Griswold, A.B. (*Princeton Univ.*) 1900,	*Trenton, N.J.*	53 Oxford St.
Burchard, Roswell Beebe, A.B. (*Coll. City of New York*) 1880,	*Little Compton, R.I.*	45 Bay State Road,
Burke, James Walter, A.B. 1901,	*Boston,*	H. 23. [Boston.
Carpenter, Dunbar Ferdinand, A.B. 1900, A.M. 1901,	*Colorado Springs, Colo.*	W. H. 47.
Chadbourne, William Merriam, A.B. 1900, A.M. 1901,	*San Francisco, Cal.*	Craigie 208.
Chandler, Albert Minot, A.B. 1900,	*Cambridge,*	269 Harvard St.
Chase, Philip Putnam, A.B. 1900, A.M. 1901,	*Lynn,*	Manter 3.
Clapp, William Endicott, A.B. (*Amherst Coll.*) 1900,	*Danvers,*	68 Kirkland St.
Clark, Charles Wesley, PH.B. (*Brown Univ.*) 1900,	*Clarksdale, Miss.*	Prescott 8.
Clarke, Walter Bradley, A.B. (*Bowdoin Coll.*) 1899,	*Damariscotta Mills, Me.*	19 Windom St.,
Coad, William James, A.B. (*Creighton Univ.*) 1899, A.M. (*Georgetown Univ.*) 1900,	*Omaha, Neb.*	[W. Somer. Winthrop 10.
Coolidge, Edward Erwin, A.B. 1901,	*Natick,*	G. 38.
Cressy, Morton Starr, A.B. (*Yale Univ.*) 1900,	*Hartford, Conn.*	57 Wendell St.
Curtis, James Freeman, A.B. 1899,	*Boston,*	Apthorp 1.
Cutts, Oliver Frost, A.B. (*Bates Coll.*) 1896,	*No. Anson, Me.*	W. H. 22.
Davis, Everly Mahin, A.B. (*Leland Stanford Jr. Univ.*) 1900,	*Los Angeles, Cal.*	30 Sacramento St.
Dean, Paul Dudley, A.B. 1901,	*Boston,*	51 Hemenway St., Boston.

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Dismukes, Robert Ernest, A.B. (*Princeton Univ.*) 1899,	*Columbus, Ga.*	40 Kirkland St.
Dixon, William Warren, S.B. 1900,	*Chicago, Ill.*	Randolph 45.
Donnan, John Hannay, A.B. (*Wash. and Jeff. Coll.*) 1900,	*Washington, Pa.*	71 Hammond St.
Dorety, Frederic Gerber, B.L. (*Univ. of California*) 1900,	*Oakland, Cal.*	30 Sacramento St.
Dow, Charles Mason, Jr., PH.B. (*Yale Univ.*) 1900,	*Jamestown, N. Y.*	Winthrop 18.
Draper, Joseph Porter, S.B. (*Mass. Inst. of Tech.*) 1900,	*Canton,*	43 Irving St.
Drinkwater, Arthur, A.B. 1900, A.M. 1901,	*Andover,*	M. 50.
Duffin, Simon Edward, A.B. 1901,	*So. Boston,*	23 Linden St., So. Boston.
Dunbar, Philip Richards, A.B. (*Williams Coll.*) 1900,	*Brookline,*	Boulevard Sta., Brookline.
Dunbaugh, Harry Joy, A.B. (*Illinois Coll.*) 1899,	*Jacksonville, Ill.*	C't 8.
Eames, Burton Edward, S.B. (*Worcester Polytech. Inst.*) 1897, A.B. (*Harvard Univ.*) 1900,	*W. Upton,*	T. 39.
Eckert, Nimson, A.B. (*Lehigh Univ.*) 1900,	*Allentown, Pa.*	C't 28.
Eder, Phanor James, A.B. (*Coll. City of New York*) 1900,	*New York, N. Y.*	96 Prescott St.
Elliott, William Sanders, A.B. (*Princeton Univ.*) 1900,	*Jacksonville, Ill.*	C't 8.
Farber, Max Joseph, A.B. (*Western Reserve Univ.*) 1900.	*Cleveland, O.*	55 Hammond St.
Farley, John Wells, A.B. 1899,	*Cambridge,*	H'y 3.
Feder, Julius Caesar, A.B. 1899,	*Margaretville, N. Y.*	1208 Mass. Ave.
Feiss, Richard Albert, A.B. 1901,	*Cleveland, O.*	W. 49.
Field, Fred Tarbell, A.B. (*Brown Univ.*) 1900,	*No. Springfield, Vt.*	P. 11.
FitzGerald, Stephen Salisbury, A.B. 1900,	*Brookline,*	408 Washington St., [Brookline.
Forbes, Charles Jerome, Jr., PH.B. (*Adelbert Coll.*) 1900,	*Cambridge,*	21 Ellery St.
Force, Horton Caumont, A.B. 1901,	*Washington, D.C.*	H'y 1.
Fowler, Josiah Minot, A.B. (*Dartmouth Coll.*) 1900,	*Jamaica Plain,*	[Jam. Pl. 35 Burroughs St.,

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French, Harold Lindol, A.B. 1900, A.M. 1901,	*Clinton*,	H. 5.
Freund, Sanford Henry Eisner, A.B. 1901,	*Cambridge*,	3 Mercer Circle.
George, Elijah Howard, A.B. 1900,	*Boston*,	W. H. 30.
Gould, Amasa Collins, A.B. 1900, A.M. 1901,	*Waban*,	1704 Beacon St., Waban.
Gower, Henry Ryan, A.B. (*Georgetown Univ.*) 1898,	*Washington, D.C.*	3 Sumner St.
Gray, Gordon Larimore, A.B. 1901,	*Niles, Mich.*	Winthrop 24.
Gregg, Robert Etheridge, A.B. 1894,	*Cambridge*,	1717 Cambridge St.
Griffin, John Wheeler, A.B. (*Johns Hopkins Univ.*) 1900,	*Baltimore, Md.*	W. H. 42.
Grunsky, Herman Washington, A.B. (*Leland Stanford Jr. Univ.*) 1899,	*Stockton, Cal.*	65 Hammond St.
Hales, Earl Creighton, PH.B. (*Univ. of Chicago*) 1900,	*Chicago, Ill.*	T. 39.
Hall, William Edwin, PH.B. (*Yale Univ.*) 1900,	*Ridgway, Pa.*	Winthrop 16.
Ham, Guy Andrews, A.B. (*Dartmouth Coll.*) 1900,	*Dorchester*,	15 Salcombe St., Dor.
Hammond, Thomas Jasper, A.B. (*Amherst Coll.*) 1900,	*Northampton*,	1599 Mass. Ave.
Harrison, William Henry, A.B. (*Univ. of New Brunswick*) 1900,	*St. John, N.B.*	P. 77.
Heilborn, Walter Stern, A.B. 1901,	*Brookline*,	503 Washington St., [B'kline.
Henry, Alden Edson, A.B. (*State Univ. of Nebraska*) 1898, A.M. (*ibid.*) 1899,	*Lincoln, Neb.*	C't 19.
Hill, John Philip, A.B. (*Johns Hopkins Univ.*) 1900,	*Baltimore, Md.*	W. H. 42.
Hinkley, Thomas Thayer, A.B. 1900,	*Cambridge*,	6 Riedesel Ave.
Hirsch, David Charles, A.B. 1900,	*Kansas City, Mo.*	23 Irving St.
Holliday, John Hodgman, A.B. 1900,	*Cambridge*,	26 Quincy St.
Holme, Peter Hagner, A.B. (*Yale Univ.*) 1898,	*Denver, Colo.*	44 Brattle St.
Hudson, James Henry, A.B. (*Colby Coll.*) 1900,	*Guilford, Me.*	40 Kirkland St.

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Huselton, Norman Roscoe, PH.B. (*Yale Univ.*) 1900,	*Pittsburg, Pa.*	Winthrop 14.
Ives, Frederick Manley, A.B. 1901,	*Salem,*	T. 13.
Jacobson, Marcus A, B.L. (*Univ. of Wisconsin*) 1899,	*Waukesha, Wis.*	42 Kirkland St.
Jennings, Frederick Everett, A.B. (*Dartmouth Coll.*) 1900,	*Everett,*	1208 Mass. Ave.
Jones, Edward Powis, Jr., A.B. 1901,	*New York, N. Y.*	Ware 12.
Kennedy, Sinclair, A.B. 1897,	*Readville,*	W. H. 58.
Kidd, Alexander Marsden, A.B. (*Univ. of California*) 1900,	*San Francisco, Cal.*	61 Oxford St.
Kirtland, Harry Bevier, A.B. 1901,	*Plymouth, O.*	H. 2.
Kumler, Preston, A.B. (*Yale Univ.*) 1900,	*Evansville, Ind.*	Winthrop 30.
Ledyard, Lewis Cass, Jr., A.B. 1900,	*New York, N. Y.*	60 Brattle St.
Leva, Leo, A.B. (*Univ. of Alabama*) 1900,	*Selma, Ala.*	8 Irving Terrace.
Loeb, Joseph, B.L. (*Univ. of Wisconsin*) 1900,	*Appleton, Wis.*	42 Kirkland St.
Lyon, Arthur Chandler,. PH.B. (*Iowa Coll.*) 1894,	*Rockford, Ia.*	10 Sumner St.
Lyon, George Asa, S.B. (*Iowa Coll.*) 1892,	*Rockford, Ia.*	6 Sumner St.
Lyons, Irving Luria, S.B. (*Yale Univ.*) 1900,	*New Orleans, La.*	Winthrop 25.
Mac Donald, Charles Ambrose, A.B. 1901,	*Fall River,*	H. 26.
McGawley, John Ernest, A.B. 1900,	*New Dorchester,*	57 McLellan St., New Dor.
McGlauflin, Clifford Elmore, PH.B. (*Brown Univ.*) 1898,	*Presque Isle, Me.*	62 Trowbridge St.
McKown, Wendell Phillips, A.B. (*Bowdoin Coll.*) 1898,	*Boothbay Harbor, Me.*	40 Kirkland St.
McNutt, Elijah Bailey, A.B. (*Cornell Univ.*) 1900,	*Monroe City, Mo.*	T. 33.
McQueen, John Walter, A.B. 1900,	*McQueen, Ill.*	54 Hammond St.
Mahoney, Cornelius John, A.B. (*Dartmouth Coll.*) 1900,	*No. Andover,*	32 E. Water St., No. Andover.
Merrick, Benjamin Paul, A.B. 1899,	*Brookline,*	30 Centre St., B'kline.

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Mook, DeLo Emerson, B.L. (*Western Reserve Univ.*) 1900,	*Cleveland, O.*	C't 41.
Morris, Charles Hyndman, A.B. 1899, A.M. 1900,	*So. Boston,*	503 Broadway, So. Boston.
Munson, Samuel Lyman, Jr., A.B. 1900,	*Albany, N. Y.*	1664 Mass. Ave.
Murphy, Daniel James, A.B. 1901,	*Lawrence,*	112 Springfield St., [Lawrence.
Mylander, Walter Conrad, A.B. (*St. John's Coll.*) 1900,	*Baltimore, Md.*	53 Trowbridge St.
Noel, Dix Webster, PH.B. (*Union Univ.*) 1899,	*Schenectady, N. Y.*	1132 Mass. Ave.
Ong, Eugene Walter, A.B. (*Yale Univ.*) 1900,	*Cleveland, O.*	57 Brattle St.
Perkins, John Forbes, A.B. 1899,	*Milton,*	H'y 3.
Perry, Edwin Ruthven, A.B. (*Northwestern Univ.*) 1900,	*Evanston, Ill.*	P. 2.
Phillips, William, A.B. 1900,	*Boston,*	Gnt. 8.
Pratt, Chester Mayo, A.B. (*Amherst Coll.*) 1900,	*No. Middleboro,*	68 Kirkland St.
Reed, Montgomery, A.B. 1900,	*Boston,*	12 Gloucester St., Boston.
Richards, Albin Leal, A.B. 1900, A.M. 1901,	*Cambridge,*	22 Bigelow St.
Riemann, Paul Edward, A.B. 1900,	*Cambridge,*	C. 27.
Rinehart, John Brice Gordon, A.B. (*Waynesburg Coll.*) 1898, A.B. (*Harvard Univ.*) 1900,	*Waynesburg, Pa.*	S. 24.
Roberts, Fred Morton, PH.B. (*Iowa Coll.*) 1899,	*Postville, Ia.*	41 Sacramento St.
Rosenberg, Jacob George, A.B. (*Cornell Univ.*) 1900,	*Rochester, N. Y.*	23 Irving St.
Rosenfeld, Adolph Hirsch, A.B. (*Yale Univ.*) 1900,	*Owensboro, Ky.*	1105 Mass. Ave.
Rousmaniere, John Easton, A.B. 1899,	*Roxbury,*	Manter 3.
Ruggles, Charles Almon, A.B. 1899,	*Redlands, Cal.*	1689 Cambridge St.
Samuels, Benjamin, A.B. (*Univ. of Chicago*) 1900,	*Chicago, Ill.*	1750 Cambridge St.
Sargeant, Ernest Edward, A.B. 1900,	*New York, N. Y.*	S. 25.
Sargent, Irving Wilder, A.B. 1900,	*Cambridge*	1648 Mass. Ave.
Schlesinger, Elmer, A.B. 1901,	*Chicago, Ill.*	Ware 12.
Schoyer, William Edgar, A.B. (*Yale Univ.*) 1900,	*Pittsburg, Pa.*	Winthrop 19.

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Schultz, Thomas Steel, B.S. (*Princeton Univ.*) 1900,	*Pittsburg, Pa.*	Winthrop 11.
Seasongood, Murray, A.B. 1900, A.M. 1901,	*New York, N. Y.*	M. 17.
Shelby, Sidney Ray, A.B. (*Wash. and Jeff. Coll.*) 1900,	*Uniontown, Pa.*	61 Oxford St.
Shorey, George Newhall, A.B. 1901,	*Lynn,*	H. 12.
Smith, Adelbert Julius, A.B. 1899,	*Omaha, Neb.*	15 Arlington St., Boston.
Smith, Vine Harold, A.B. 1898,	*Hanover, Conn.*	P. 54.
Snively, Claude Snider, PH.B. (*Dickinson Coll.*) 1897, A.M. (*ibid.*) 1901, A.B. (*Harvard Univ.*) 1901,	*Greencastle, Pa.*	1750 Cambridge St.
Spaulding, Hector Galloway, S.B. (*Univ. of Minnesota*) 1900,	*Minneapolis, Minn.*	43 Irving St.
Stanton, Horace Baxter, A.B. 1900,	*Boston,*	29 Brimmer St., Boston.
Stetson, Charles, A.B. (*Yale Univ.*) 1900,	*Bangor, Me.*	Winthrop 21.
Sturgeon, Rollin Summers, B.L. (*Northwestern Univ.*) 1900,	*Rock Island, Ill.*	47 Sacramento St.
Sullivan, Mark Forrest, A.B. 1900,	*Avondale, Pa.*	S. 24.
Swaim, Roger Dyer, A.B. 1901,	*New Bedford,*	H'y 19.
Swan, Thomas Walter, A.B. (*Yale Univ.*) 1900,	*Northampton,*	Winthrop 30.
Tappin, Harold, A.B. 1900,	*New York, N. Y.*	62 Brattle St.
Tasheira, Arthur Gould, A.B. (*Univ. of California*) 1900,	*Oakland, Cal.*	12 Oxford St.
Taylor, Warner Varnum, A.B. (*Yale Univ.*) 1900,	*Wakefield,*	Winthrop 23.
Thierry, Louis Sidney, A.B. 1901,	*Cambridge,*	41 Crescent St.
Tobey, Jesse Weston, A.B. (*Univ. of Vermont*) 1900,	*Burlington, Vt.*	173 Newbury St., [Boston.
Van Kleeck, Walter Lindsay, A.B. 1895,	*Millis,*	1689 Cambridge St.
Walsh, Richard McClennan, A.B. 1901,	*Roxbury,*	20 Nazing St., Rox.
Wellington, Stanwood Gray, A.B. 1900,	*Roxbury,*	M. 46.
Wells, Edgar Huidekoper, A.B. 1897,	*Boston,*	16 Hereford St., Boston.
Wemple, William Lester, B.S. (*Illinois Coll.*) 1898,	*Waverly, Ill.*	Craigie 202.

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Wentworth, Joseph, B.L. (*Dartmouth Coll.*) 1900,	*Sandwich, N.H.*	1208 Mass. Ave.
Whedon, Burt Denison, A.B. (*Univ. of Nebraska*) 1900,	*Lincoln, Neb.*	P. 41.
Whitney, Travis Harvard (*Harvard Coll. Senior*),	*Cambridge,*	1039 Mass. Ave.
Wiel, Samuel Charles, A.B. 1899, S.M. 1900,	*San Francisco, Cal.*	M. 17.
Wilson, John, A.B. 1900,	*Bangor, Me.*	W. H. 16.
Wilson, John P, Jr., A.B. (*Williams Coll.*) 1900,	*Chicago, Ill.*	Winthrop 19.
Wing, George Curtis, Jr., A.B. (*Brown Univ.*) 1900,	*Auburn, Me.*	Prescott 8.
Wood, Harry Parker, A.B. (*Yale Univ.*) 1900,	*Gloversville, N.Y.*	Winthrop 7.
Woodberry, Charles Dane, A.B. 1899,	*Beverly,*	14 Oxford St.

Second Year.

Ackerly, Dana Tarbell, A.B. (*Williams Coll.*) 1901,	*Pittsburg, Pa.*	1727 Cambridge St.
Adams, Alton Dermont, S.B. 1897,	*Somerville,*	42 Fairmount Ave., Somer.
Adler, Zachary, A.B. (*Tulane Univ.*) 1901,	*New Orleans, La.*	42 Kirkland St.
Alexander, Jewel, B.L. (*Univ. of California*) 1901,	*Watsonville, Cal.*	62 Wendell St.
Allen, Benjamin Franklin, 2d, A.B. 1901,	*Rockport,*	23 Everett St.
Ames, Sullivan Dorr, A.B. (*Yale Univ.*) 1899,	*Providence, R.I.*	Ware 14.
Arensberg, Charles Frederick Covert, A.B. 1901,	*Oakmont, Pa.*	Everett 55.
Bacon, Easton Shaw, A.B. (*Gates Coll.*) 1899, A.B. (*Harvard Univ.*) 1901,	*Odell, Ill.*	4 Riedesel Ave.
Ballantine, Henry Winthrop, A.B. 1900,	*Springfield,*	32 Mellen St.
Barnard, Charles Arthur, A.B. 1902,	*Washington, D.C.*	W. H. 45.
Barnard, Percival Gates, A.B. (*Tufts Coll.*) 1896,	*Lowell,*	15 Ware St.
Barnes, Earl Brandon, A.B. (*Earlham Coll.*) 1901,	*Kokomo, Ind.*	1750 Cambridge St.

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Beals, Sidney Lane, A.B. 1901,	*Boston*,	Fairfax 39.
Berry, Joseph Francis, A.B. (*Tufts Coll.*) 1901,	*Mattapan*,	54 Dunster St.
Best, John Andrew, Jr., A.B. (*Wash. and Jeff. Coll.*) 1899,	*Washington, Pa.*	83 Hammond St.
Bishop, Richard, A.B. 1901,	*Boston*,	1075 Boylston St., [Boston.
Blayney, John McClusky, Jr., A.B. (*Centre Coll.*) 1898,	*Frankfort, Ky.*	W. H. 9.
Bowker, Harrison Winthrop, A.B. 1901,	*Worcester*,	H'ke 11.
Boyce, James Leonard, A.B. (*Yale Univ.*) 1901,	*Chicago, Ill.*	Craigie 302.
Brackett, John Gaylord, A.B. 1901,	*Arlington*,	87 Pleasant St., Arlington.
Bradley, James Craig, A.B. (*Georgetown Coll.*) 1900, A.M. (*ibid.*) 1901,	*Georgetown, Ky.*	W. H. 11.
Bradley, Joseph Gardner, A.B. 1902,	*Harrisburg, Pa.*	Randolph 27.
Branch, Oliver Winslow, A.B. 1901, A.M. 1902,	*Manchester, N.H.*	W. 31.
Brand, William Charles Hugo, A.B. (*Brown Univ.*) 1901,	*Providence, R.I.*	Providence, R.I.
Broadhurst, Edward Thomas, A.B. (*Williams Coll.*) 1901,	*Springfield*,	42 Kirkland St.
Brune, Ernest Louis, A.B. (*Leland Stanford Jr. Univ.*) 1901,	*San Francisco, Cal.*	40 Kirkland St.
Bubier, Thomas Stacey, A.B. 1902,	*Lynn*,	23 Fayette St., Lynn.
Capotosto, Antonio Alfredo, A.B. 1902,	*Boston*,	30 Hull St., Boston.
Carlisle, James Mandeville, A.B. (*Yale Univ.*) 1901,	*Washington, D.C.*	Winthrop 27.
Caro, Maurice, A.B. 1901,	*Chelsea*,	255 Chestnut St., Chelsea.
Cary, Guy Fairfax, A.B. 1902,	*New York, N.Y.*	52 Brattle St.
Catchings, Waddill, A.B. 1901,	*New York, N.Y.*	Gnt. 3.
Chace, Elmer Seymour, A.B. (*Brown Univ.*) 1901,	*Providence, R.I.*	2 Gorham St.
Chaffee, Everitte St. John, PH.B. (*Yale Univ.*) 1900,	*Amenia, N.Y.*	Winthrop 3.
Channing, Henry Morse, A.B. 1902,	*Brookline*,	60 Brattle St.
Chisholm, Frank Miller, A.B. (*Yale Univ.*) 1901,	*Savannah, Ga.*	Craigie 302.
Clifford, John Henry, A.B. 1902,	*New Bedford*,	H'y 5.

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Cole, Charles Luke, A.B. 1901, *Morristown, N.J.* H'y 2.
Conlin, Walter Everett, A.B. (*Univ. of California*) 1901, *San Francisco, Cal.* 62 Wendell St.
Cooper, George Saunders, A.B. (*Brown Univ.*) 1900, *Providence, R.I.* D. 36.
Cooper, Oscar Fulton, A.B. 1902, *San Francisco, Cal.* 35½ Brattle St.
Cox, Channing Harris, A.B. (*Dartmouth Coll.*) 1901, *Concord, N.H.* 1750 Cambridge St.
Coyle, Philip Edward, A.B. 1901, *Boston,* Fairfax 24.
Cram, Robert Jackson, A.B. 1902, *Newton,* Shornecliffe R'd, Newton.
Crosby, Arthur Payne, A.B. 1901, *Brookline,* 27 Osborn R'd, B'kline.
Dall, Cornelius George, A.B. (*Univ. of California*) 1901, *San Francisco, Cal.* 92 Wendell St.
Dana, Ripley Lyman, A.B. (*Bowdoin Coll.*) 1901, *Portland, Me.* 42 Kirkland St.
Davenport, Charles Milton, A.B. (*Williams Coll.*) 1901, *Greenfield,* 1727 Cambridge St.
Davis, Gilbert Franklin, S.B. 1901, *Windsor, Vt.* M. 55.
Davis, Harold Stearns, A.B. 1901, *Pittsfield,* P. 38.
Decrow, John Walter, A.B. (*Yale Univ.*) 1900, *Roxbury,* 78 Howland St., Rox.
Dennis, Samuel Sibley, Jr., PH.B. (*Univ. of Vermont*) 1901, *Hardwick,* 10 Mellen St.
Dickerman, Emerson Loren, A.B. 1901, *Oswego, N.Y.* W. H. 32.
Dier, John Quaintance, PH.B. (*Univ. of Colorado*) 1901, *Golden, Colo.* 7 Sumner St.
Downs, Joseph Warren, A.B. (*Brown Univ.*) 1900, *Waterboro, Me.* 19 Irving St.
Drake, Earl Franklin, A.B. (*Williams Coll.*) 1901, *Chicago, Ill.* 42 Kirkland St.
Duffy, James Patrick Bernard, A.B. (*Georgetown Univ.*) 1901, *Rochester, N.Y.* 1727 Cambridge St.
Dyer, Rowland Sears Howes, A.B. 1901, *Melrose Highlands,* D. 37.
Dysart, Andrew Knox, A.B. (*Univ. of St. Joseph's*) 1900, *Cocagne, N.B.* 63 Oxford St.
Elam, Harvey Johnson, A.B. (*Amherst Coll.*) 1901, *Indianapolis, Ind.* 1599 Mass. Ave.
Everts, William Paine, A.B. 1900, *Roxbury,* 54 Townsend St., Rox.
Fischer, Paul Blanchard, A.B. (*Wheaton Coll.*) 1899, *Wheaton, Ill.* 25 Holyoke St.
Fletcher, Robert Sharp, A.B. (*Yale Univ.*) 1901, *Brooklyn, N.Y.* Winthrop 29.

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Forbes, James Grant, A.B. 1901, A.M. 1902,	*Boston*,	52 Brattle St.
Franchot, Edward Eells, A.B. 1902,	*Niagara Falls, N. Y.*	65 Hammond St.
Freiman, Mitchell, A.B. 1901,	*Roxbury*,	41 E. Cottage St., Rox.
Frost, Hildreth, A.B. (*Colorado Coll.*) 1901,	*Colorado Springs, Colo.*	Gnt. 7.
Frost, Walter Louis, A.B. (*Brown Univ.*) 1901,	*Providence, R.I.*	2 Gorham St.
Gilmore, Charles Herbert, A.B. (*Brown Univ.*) 1901,	*Turners Falls*,	137 Oxford St.
Gordon, George Wadsworth, A.B. (*Princeton Univ.*) 1899,	*Jacksonville, Ill.*	W. H. 13.
Green, George, A.B. (*Yale Univ.*) 1900,	*Gloversville, N. Y.*	Winthrop 23.
Greenhalgh, George Partridge, A.B. (*Yale Univ.*) 1901,	*Lafayette, Ind.*	Craigie 302.
Grossman, Isador, A.B. 1902,	*Cleveland, O.*	C. 15.
Guiler, Henry Anderson, A.B. 1900,	*Brookline*,	19 Winslow R'd, B'kline.
Hagadorn, Damon Austin, A.B. (*Syracuse Univ.*) 1900,	*Manorkill, N. Y.*	66 Wendell St.
Hammill, Frank Henry, PH.B. (*Brown Univ.*) 1900,	*Bristol, R.I.*	30 Irving St.
Harvey, William Riggs, A.B. (*Brown Univ.*) 1901,	*Newport, R.I.*	76 Hammond St.
Hatch, William Smith, S.B. (*Amherst Coll.*) 1901,	*West Newton*,	Winthrop 5.
Hausberg, Ernest, A.B. (*Yale Univ.*) 1901,	*Charles City, Ia.*	Winthrop 26.
Hayden, Julius Clyde, S.B. (*Univ. of Minnesota*) 1900,	*Albert Lea, Minn.*	63 Oxford St.
Hayward, George Bradford, PH.B. (*Brown Univ.*) 1901,	*Campello*,	110 Austin St.
Hempstead, Clark, A.B. (*Univ. of Minnesota*) 1896,	*Minneapolis, Minn.*	6 Story St.
Hersey, Arthur Urie, A.B. 1901,	*Hingham*,	T. 65.
Hickenlooper, Smith, A.B. (*Univ. of Cincinnati*) 1901,	*Cincinnati, O.*	Winthrop 12.
Hildreth, Charles Lewis, A.B. (*Dartmouth Coll.*) 1901,	*Westford*,	14 Garden St.
Hobbs, Clarence Whitman, Jr., A.B. 1902,	*Worcester*,	W. 17.
Hohfeld, Wesley Newcomb, A.B. (*Univ. of California*) 1901,	*San Francisco, Cal.*	4 Carver St.

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Horack, Hugo Claude, PH.B. (*State Univ. of Iowa*) 1899, LL.B. (*ibid.*) 1900,	*Iowa City, Ia.*	H'ke 1.
Hosmer, Henry Joseph, Jr., A.B. 1900,	*Concord,*	Concord.
Howe, Walter Bruce, A.B. (*Yale Univ.*) 1901,	*Washington, D.C.*	Winthrop 27.
Howells, Harry Barren, A.B. (*Western Reserve Univ.*) 1901,	*Cleveland, O.*	67 Oxford St.
Hunnewell, James Melville, A.B. 1901,	*Boston,*	Dunster 31.
James, Henry, A.B. 1899,	*Cambridge,*	95 Irving St.
Janes, Robert Foster, A.B. 1902,	*Cambridge,*	2192 Mass. Ave.
Keedy, Edwin Roulette, A.B. (*Frank. and Marsh. Coll.*) 1899,	*Hagerstown, Md.*	66 Wendell St.
Keppelman, John Arthur, A.B. (*Yale Univ.*) 1901,	*Reading, Pa.*	Winthrop 32.
King, Emmett Orlando, A.B. (*Univ. of Indiana*) 1898,	*Huntington, Ind.*	47 Sacramento St.
King, Henry Willis, A.B. (*Yale Univ.*) 1901,	*Thompsonville, Conn.*	Winthrop 4.
King, William Irvine, A.B. (*Brown Univ.*) 1901,	*Uniontown, Pa.*	54 Hammond St.
Kling, Michael Joseph, A.B. 1901,	*Adams,*	C. 45.
Kretzinger, George Wilson, A.B. (*Univ. of Chicago*) 1901,	*Chicago, Ill.*	W. H. 33.
Lea, Harry Richard, B.L. (*Univ. of Wisconsin*) 1901,	*Waupaca, Wis.*	55 Hammond St.
Lee, Ralph Randolph, PH.B. (*Yale Univ.*) 1901,	*Erie, Pa.*	61 Oxford St.
Lloyd, Alfred Tennyson, A.B. (*Northwestern Univ.*) 1901,	*Evanston, Ill.*	47 Sacramento St.
Love, Joseph Aloysius, A.B. 1902,	*Webster,*	1132 Mass. Ave.
Lowenthal, Sidney S, A.B. (*Cornell Univ.*) 1901,	*Rochester, N.Y.*	Winthrop 31.
Luhman, Hugo Frank, B.L. (*Univ. of Wisconsin*) 1901,	*Manitowoc, Wis.*	55 Hammond St.
Lyman, Harrison Franklin, A.B. (*Amherst Coll.*) 1898,	*Fall River,*	10 Mellen St.
Lyon, George Armstrong, Jr., A.B. (*Yale Univ.*) 1900,	*Philadelphia, Pa.*	Winthrop 5.
Lyons, Lawrence William, A.B. 1902,	*Quincy,*	S. 8.

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McAleer, John Adrian, A.B. 1902, *Jamaica Plain*, 79 Sheridan St., Jam.Pl.
McCarthy, Charles Penderghast, A.B 1902, *Chelsea*, H'ke 35.
McCarty, Dwight Gaylord, PH.B. (*Iowa Coll.*) 1901, *Emmetsburg, Ia.* P. 35.
McFadden, Arthur James, S.B. (*Pomona Coll.*) 1901, *Santa Ana, Cal.* 63 Wendell St.
McLeod, Stewart Baker, PH.B. (*Brown Univ.*) 1901, *Brockton*, 137 Oxford St.
McNamara, John Patrick, Jr., A.B. 1901, *Dorchester*, 1727 Cambridge St.
McWilliams, Donald Saxton, A.B. (*Univ. of Chicago*) 1901, *Chicago, Ill.* Winthrop 26.
Mansfield, Ernest Cheney, B.L. (*Central Univ. of Kentucky*) 1897, *Springfield, Ky.* 30 Irving St.
Marble, Thomas Littlefield, A.B. (*Bowdoin Coll.*) 1898, *Gorham, N.H.* 160 W. Canton St., Boston.
Marshall, Andrew, A.B. (*Dartmouth Coll.*) 1901, *Cambridge*, Craigie 106.
Marvin, George Dekkar, A.B. 1899, *New Rochelle, N.Y.* 31 Holyoke St.
Mason, Edwin Kemper, S.B. (*Illinois Wesleyan Univ.*) 1900, *Valley City, N.Dak.* 100 Mt. Auburn St.
Mason, Harold Weston, A.B. 1900, *Hyde Park*, 54 Dunster St.
Mifflin, Samuel Wright, A.B. (*Haverford Coll.*) 1900, A.B. (*Harvard Univ.*) 1901, *Wayne, Pa.* 57 Brattle St.
Mitchell, William Comer, A.B. (*Univ. of Michigan*) 1901, *Martinsville, Ind.* 58 Kirkland St.
Montague, Gilbert Holland, A.B. 1901, A.M. 1902, *New York, N.Y.* T. 7.
Moore, Hoyt Augustus, A.B. (*Bowdoin Coll.*) 1895, *Ellsworth, Me.* Felton 22.
Morse, Arthur Holdrege, A.B. 1902, *Kansas City, Mo.* 35 Bow St.
Motley, John Lothrop, A.B. 1902, *Boston*, 22 Commonwealth Ave., Boston.
Mott, Russell, A.B. (*Yale Univ.*) 1901, *Michigan City, Ind.* Winthrop 12.
Murphy, Frederic William, PH.B. (*Brown Univ.*) 1899, *Brockton*, 1599 Mass. Ave.
Myers, Daniel Potter, A.B. (*Brown Univ.*) 1901, [Providence, R.I. *Providence, R.I.* 100 Charles St.,

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Nixdorff, Charles Edward, A.B. 1901,	*Cambridge*,	11 Quincy St.
Olson, Clarence Harmon, A.B. (*Bethany Coll.*) 1900,	*Cambridge*,	113 Huron Ave.
O'Malley, Walter John, Jr., A.B. 1896,	*Roxbury*,	9 Fremont Ave., Rox.
Palmer, Henry Webster, A.B. 1901,	*Wilkesbarre, Pa.*	10 Oxford St.
Pettingell, Charles Ireland, A.B. 1901,	*Newburyport*,	S. 8.
Pilcher, William Bowen Campbell, A.B. (*Vanderbilt Univ.*) 1901,	*Nashville, Tenn.*	W. H. 9.
Poor, Henry Varnum, A.B. 1901,	*New York, N. Y.*	60 Brattle St.
Powell, Thomas Reed, A.B. (*Univ. of Vermont*) 1900,	*Burlington, Vt.*	14 Trowbridge Pl.
Prescott, Benjamin Franklin, S.B. (*Dartmouth Coll.*) 1900,	*Concord, N. H.*	1750 Cambridge St.
Procter, Joseph Osborne, 3d, A.B. 1901,	*Gloucester*,	62 Brattle St.
Qua, Stanley Elroy, A.B. (*Dartmouth Coll.*) 1901,	*Lowell*,	48 Irving St.
Raymond, Edward Franklin, A.B. (*Yale Univ.*) 1894,	*Chicago, Ill.*	61 Oxford St.
Read, Charles Sheldon, A.B. (*Brown Univ.*) 1901,	*Anthony, R. I.*	C. 29.
Redman, Arthur Prescott, B.L. (*Dartmouth Coll.*) 1901,	*Lexington*,	64 Kirkland St.
Reed, Thomas Harry, A.B. 1901,	*Allston*,	H. 16.
Rice, Arthur Noble, A.B. 1900,	*Boston*,	389 Beacon St., Boston.
Richberg, Donald Randall, A.B. (*Univ. of Chicago*) 1901,	*Chicago, Ill.*	14 Oxford St.
Richmond, Harris Meigs, A.B. 1901,	*Adams*,	19 Irving St.
Rogers, Leo Abraham, A.B. 1902,	*Jamaica Plain*,	6 Robinwood Ave., [Jam. Pl.
Rollins, Daniel Ashton, A.B. (*Dartmouth Coll.*) 1901,	*Falls Church, Va.*	48 Irving St.
Ross, Guy Whittier Chadbourn, A.B. (*Univ. of Chicago*) 1901,	*Blue Earth, Minn.*	42 Kirkland St.
Sampson, Harry LeBaron, A.B. (*Dartmouth Coll.*) 1900,	*Middleboro*,	H'ke 12.
Scoville, Herbert, A.B. (*Yale Univ.*) 1901,	*New York, N. Y.*	Craigie 302.

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Sears, Joshua Montgomery, Jr., A.B. 1900,	*Boston*,	Beck 31.
Seavey, Warren Abner, A.B. 1902,	*Melrose*,	P. 35.
Shattuck, Henry Lee, A.B. 1901,	*Boston*,	10 Oxford St.
Shaw, Henry Corliss, A.B. 1901,	*Cambridge*,	17 Forest St.
Shuebruk, Walter, A.B. 1902,	*Dorchester*,	G. 2.
Slattery, John Hendricken, A.B. (*Brown Univ.*) 1901,	*Providence, R.I.*	Providence, R.I.
Smith, Arthur Thad, A.B. (*Dartmouth Coll.*) 1896,	*Dover, N.H.*	1208 Mass. Ave.
Smith, Charles Thomas, A.B. 1901, A.M. 1902,	*Newburyport*,	C. 60.
Smith, Ernest Walker, A.B. (*Yale Univ.*) 1901,	*Hartford, Conn.*	Winthrop 28.
Spalding, Rollin Aaron, Jr., A.B. (*Yale Univ.*) 1900,	*Lynn*,	Winthrop 7.
Stern, Erich Cramer, A.B. 1901,	*Milwaukee, Wis.*	T. 4.
Stilwell, William Earle, A.B. 1901,	*Cambridge*,	15 Day St.
Strickland, Alfred Hastings, A.B. 1901,	*Houlton, Me.*	6 Story St.
Sullivan, Henry Cleaves, A.B. (*Brown Univ.*) 1901,	*Portland, Me.*	30 Irving St.
Swain, Chester Odiorne, A.B. 1900, A.M. 1902,	*Malden*,	28 Spring St., Malden.
Swindell, Walter B, Jr., A.B. (*Johns Hopkins Univ.*) 1901,	*Cambridge*,	15 Kirkland R'd.
Symonds, Joseph Haskell Allen, A.B. 1900,	*Auburn, N.Y.*	50 Boylston St.
Taplin, Charles Farrand, PH.B. (*Western Reserve Univ.*) 1901,	*Cleveland, O.*	1599 Mass. Ave.
Tarpey, William Joseph, A.B. 1902,	*Jamaica Plain*,	39 Oak View Ter., Jam. Pl.
Thomas, Arthur Abbot, A.B. (*Yale Univ.*) 1901,	*Providence, R.I.*	Winthrop 28.
Thompson, Burt J, PH.B. (*Iowa College*) 1894,	*Forest City, Iowa*,	6 Sumner St.
Thorndike, Herbert Cahoone, A.B. 1902,	*E. Bridgewater*,	S. 30.
Thorne, Clarence Manly, S.B. (*Northwestern Univ.*) 1899,	*Evanston, Ill.*	Gnt. 2.
Tower, George Homer, A.B. 1901,	*Boston*,	60 Brattle St.
Wehle, Louis Brandeis, A.B. 1902,	*Louisville, Ky.*	61 Brattle St.
Weil, Arthur William, A.B. 1902,	*New York, N.Y.*	Dunster 36.

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Welch, George Arnold, A.B. (*Yale Univ.*) 1901,	*Cleveland, O.*	Winthrop 32.
Wells, Ralph Olney, A.B. (*Yale Univ.*) 1901,	*Hartford, Conn.*	Winthrop 4.
Wendell, Barrett, Jr., A.B. 1902,	*Boston*,	Hampden 36.
Whalen, Sylvester Maurice, A.B. 1901,	*Boston*,	46 E. Newton St., Boston.
Wheeler, George Currier, A.B. (*Bowdoin Coll.*) 1901,	*Farmington, Me.*	111 Trowbridge St.
White, Frank Stanley, A.B. 1901,	*Milton*,	474 Beacon St., Boston.
Whiting, Winfred Holt, PH.B. (*Brown Univ.*) 1901,	*Worcester*,	12 Oxford St.
Wiborn, Gershom Vorse, S.B. (*Univ. of Pennsylvania*) 1901,	*Rochester, N. Y.*	Winthrop 15.
Wight, Delano, A.B. 1902,	*Cambridge*,	14 Hawthorn St.
Williams, Willis Mac, S.B. (*Northwestern Univ.*) 1900,	*Vinton, Ia.*	12 Oxford St.
Winslow, Henry Joshua, A.B. 1902,	*Cambridge*,	152 Magazine St.
Winsor, Walter Pellington, Jr., A.B. 1899,	*Fairhaven*,	C't 10.
Wright, Lawrence Worth, A.B. 1900,	*New York, N. Y.*	19 Ware St.
Yeomans, Henry Aaron, A.B. 1900, A.M. 1901,	*Spokane, Wash.*	Craigie 202.
Young, Arthur Jewett, A.B. (*Yale Univ.*) 1901,	*Brunswick, Me.*	535 Beacon St., Boston.

FIRST YEAR.

Adams, James Warren, A.B. 1902,	*Waynesville, N. C.*	20 Prescott St.
Adams, Lloyd Lackland, A.B. (*Illinois Coll.*) 1902,	*Jacksonville, Ill.*	P. 19.
Allison, Roy Melville, A.B. (*Wash. and Jeff. Coll.*) 1902,	*Hopedale, O.*	89 Inman St.
Ambrose, Charles Merritt, A.B. 1902,	*Somerville*,	32 Warren Ave., Somer.
Ames, John Stanley, A.B. 1901,	*Boston*,	Beck 25.
Arnold, Ray Mortimer, A.B. (*Knox Coll.*) 1902,	*Galesburg, Ill.*	1593 Mass. Ave.
Atwood, Harry Heywood (*Harvard Coll. Senior*),	*Fitchburg*,	M. 30.

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Ayres, Charles Hamilton, Jr., A.B. 1898, A.M. 1899, PH.D. 1901,	*Rahway, N. J.*	Everett 44.
Bacigalupi, Tadini Joseph, A.B. (*Univ. of California*) 1902,	*San Francisco, Cal.*	32 Gorham St.
Baker, Dorsey Frank, A.B. (*Pomona Coll.*) 1901,	*Nordhoff, Cal.*	63 Wendell St.
Bancroft, Philip (*Harvard Coll. Senior*),	*San Francisco, Cal.*	13 Kirkland Pl.
Barron, Alexander Johnston, A.B. (*Princeton Univ.*) 1902,	*Pittsburg, Pa.*	23 Mellen St.
Bassett, George Kemble, A.B. (*Colby Coll.*) 1897,	*Winslow, Me.*	40 Kirkland St.
Baxter, Rex Mitchell, A.B. 1900,	*Lima, O.*	1132 Mass. Ave.
Baylor, Raymond Vreeland, A.B. (*Yale Univ.*) 1902,	*Newark, N. J.*	Winthrop 17.
Beane, Arthur Enoch (*Harvard Coll. Senior*),	*Cambridge,*	9 Ellery St.
Bedal, William Sherwood (*Harvard Coll. Senior*),	*St. Louis, Mo.*	Trinity 12.
Blair, Charles Francis, A.B. (*Univ. of Vermont*) 1899,	*Morrisville, Vt.*	10 Mellen St.
Bland, Richard Howard, A.B. 1902,	*Baltimore, Md.*	Prescott 3.
Brade, William Abram, A.B. (*Tufts Coll.*) 1902,	*Cambridge,*	1134 Mass. Ave.
Brandmiller, Herman, Jr., A.B. 1902,	*Youngstown, O.*	42 Irving St.
Brigham, Henry Randolph, A.B. 1901,	*Cambridge,*	Little's 23.
Brooks, Lawrence Graham, A.B. 1902,	*Cambridge,*	H. 30.
Brownell, Morris Ruggles, A.B. 1902,	*New Bedford,*	48 Brattle St.
Bryant, Walter Lyman, A.B. 1902,	*Holden,*	469 Broadway.
Bunton, Harry Russell, B.S. (*Princeton Univ.*) 1902,	*Pittsburg, Pa.*	1699 Cambridge St.
Burchenal, Caleb Ernest, PH.B. (*Dickinson Coll.*) 1900,	*Canterbury, Del.*	48 Irving St.
Butler, Morris Bradford, A.B. (*Amherst Coll.*) 1901,	*Brooklyn, N. Y.*	1599 Mass. Ave.
Campau, Francis Denis, PH.B. (*Univ. of Chicago*) 1903,	*Grand Rapids, Mich.*	53 Oxford St.
Carleton, William Dudley, A.B. 1901,	*Brookline,*	1406 Beacon St., B'kline.

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Carroll, Philip Acosta, A.B. 1902,	*Ellicott City, Md.*	52 Brattle St.
Castle, Lewis Herbert (*Harvard Coll. Senior*),	*Barberton, O.*	Craigie 504.
Catheron, Allison Graham, A.B. (*Bates Coll.*) 1900,	*Needham,*	S. 16.
Chaffee, Alfred Griswold, A.B. (*Brown Univ.*) 1902,	*Cambridge,*	W. H. 31.
Chapman, Charles Edward (*Tufts Coll. Senior*),	*Franklin Falls, N. H.*	87 Hammond St.
Chase, Charles Frank, PH.B. (*Iowa Coll.*) 1902,	*Des Moines, Ia.*	28 Mellen St.
Clark, Jay, Jr., PH.B. (*Iowa Coll.*) 1902,	*Newton, Ia.*	367 Harvard St.
Clark, Lyman Kenneth, A.B. 1900, A.M. 1901,	*Ayer,*	1750 Cambridge St.
Colby, Clarence Conant, A.B. 1902,	*Roxbury,*	H'y 24.
Condit, Jay Sidney, A.B. (*Univ. of Illinois*) 1902,	*Beardstown, Ill.*	54 Kirkland St.
Conway, Harry Augustus, A.B. 1901,	*Somerville,*	37 Flint St., Somer.
Cotter, Richard Joseph, A.B. 1902,	*Somerville,*	487 Somerville Ave., Somer.
Crihfield, Roy Horace, A.B. (*Cornell Univ.*) 1902,	*Atlanta, Ill.*	63 Oxford St.
Crocker, Courtenay, A.B. 1901,	*Boston,*	H'y 1.
Cumming, Millard Garfield, A.B. 1902,	*Brooklyn, N. Y.*	10 Oxford St.
Cushman, Elton Gray, A.B. 1902,	*Taunton,*	Wadsworth 15.
Dabney, George Bigelow, A.B. 1902,	*Boston,*	Westmorly 23.
Dean, Robert Augustus (*Harvard Coll. Senior*),	*Fall River,*	H'y 10.
Dinehart, Clarence Christopher, B.S. (*Univ. of Minnesota*) 1899,	*Slayton, Minn.*	16 Oxford St.
Dixey, Arthur Sturgis, A.B. 1902,	*Boston,*	52 Brattle St.
Donahue, Charles Louis, A.B. (*Georgetown Univ.*) 1900,	*Portland, Me.*	30 Irving St.
Dorn, Winfield, B.L. (*Univ. of California*) 1902,	*Chico, Cal.*	40 Kirkland St.
Dow, George Lincoln, A.B. (*Dartmouth Coll.*) 1902,	*Cambridge,*	23 Magazine St.
Dutch, Charles Frederick, A.B. 1901,	*Winchester,*	D. 18.

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Dwinell, James Fisher, A.B. 1902,	*Winchester*,	98 Main St., Winchester.
Earle, Ralph Swain, A.B. 1902,	*Newton*,	125 Galen St., Newton.
Edson, Earle Mason, A.B. (*Univ. of Indianapolis*) 1903,	*North Bend, Neb.*	70 Kirkland St.
Elfred, Arthur Gordon (*Harvard Coll. Senior*),	*Coronado, Cal.*	W. 19.
Eliot, Henry Ware, Jr., A.B. 1902,	*St. Louis, Mo.*	P. 26.
Elkus, Charles de Young, A.B. (*Leland Stanford Jr. Univ.*) 1902,	*San Francisco, Cal.*	25 Belvidere St., [Boston.
Ely, Joseph Buell, A.B. (*Williams Coll.*) 1902,	*Westfield*,	54 Kirkland St.
Emery, Rufus Marion, Jr., A.B. (*Univ. of Kansas*) 1902,	*Seneca, Kan.*	P. 81.
Everett, Willard Ernest, A.B. (*Yale Univ.*) 1899,	*Lowell*,	12 Belmont St., Lowell.
Farlow, John Smith, A.B. 1902,	*Boston*,	Randolph 18.
Fernald, George Herbert, Jr. (*Harvard Coll. Senior*),	*Worcester*,	13 Mellen St.
Foley, Joseph Westmont (*Harvard Coll. Senior*),	*Concord, N. H.*	S. 5.
Foster, Robert Chapman, A.B. (*Bowdoin Coll.*) 1901,	*Portland, Me.*	42 Kirkland St.
Fox, Frederick, B.S. (*Mass. Inst. Tech.*) 1885,	*Portland, Me.*	2 Gorham St.
Franklin, George Small, A.B. 1902,	*Baltimore, Md.*	Apthorp 9.
Gardiner, Ernest Percy, B.L. (*Univ. of California*) 1902,	*Everett, Wash.*	40 Irving St.
Gaylord, Arthur Simeon, PH.B. (*Brown Univ.*) 1902,	*So. Hadley Falls*,	94 Wendell St.
Gilles, Joseph William, A.B. 1902,	*Webster*,	1132 Mass. Ave.
Glasgow, William James, Jr., A.B. (*Holy Cross Coll.*) 1895,	*New Bedford*,	145 W. Newton St., Boston.
Goldsmith, Alva Welby (*Harvard Coll. Senior*),	*Cincinnati, O.*	H'ke 5.
Gray, William Cook, A.B. 1896,	*Fall River*,	D. 26.
Green, Louis Lawrence, A.B. 1902,	*Portsmouth, N. H.*	Little's 2.
Greene, Warwick, A.B. 1901,	*New York, N. Y.*	Hampden 9.
Gross, Daniel Irving, A.B. (*Bowdoin Coll.*) 1902,	*Blue Hill, Me.*	7 Sumner St.
Haber, Ferdinand Irving (*Harvard Coll. Senior*),	*New York, N. Y.*	W. 2.
Haines, Charles Henry, PH.B. (*Iowa Coll.*) 1898,	*Grinnell, Ia.*	10 Sumner St.

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Hamilton, Andrew Foster, A.B. (*Amherst Coll.*) 1901,	*Athol*,	10 Mellen St.
Harts, David Hassleton, Jr., A.B. (*Univ. of Illinois*) 1900,	*Lincoln, Ill.*	65 Hammond St.
Hartt, Dudley Nickerson, A.B. 1902,	*Boston*,	371 Commonwealth Ave., [Boston.
Harwood, Joseph Alfred, A.B. 1902,	*Littleton*,	G. 46.
Hauxhurst, Henry Austin, B.S. (*Princeton Univ.*) 1902,	*West Bay City, Mich.*	1727 Cambridge St.
Hawley, Truman Ripley, A.B. 1902,	*Malden*,	40 Newhall St., Malden.
Higby, Kenneth Edwin, B.L. (*Univ. of Wisconsin*) 1902,	*Ripon, Wis.*	65 Hammond St.
Hobbs, Nathaniel White, PH.B. (*Yale Univ.*) 1897,	*Concord, N. H.*	96 Prescott St.
Hoffman, William Wickham, A.B. 1902,	*New York, N. Y.*	52 Brattle St.
Hollingsworth, Amor, A.B. 1902,	*Boston*,	Randolph 26.
Hooven, Paul Maurice, A.B. (*Miami Univ.*) 1900,	*Cambridge*,	192 Upland R'd.
Horan, Charles Thomas, A.B. (*Fordham Coll.*) 1902,	*New York, N. Y.*	H'ke 42.
Horn, Everett Byron, A.B. 1901,	*Boston*,	G. 2.
Houghton, Arthur Stillman, B.L. (*Dartmouth Coll.*) 1902,	*Worcester*,	21 Heath St., Somer.
Hull, George Harvey, A.B. 1902,	*Cambridge*,	48 Concord Ave.
Hunnewell, Francis Welles, 2d, A.B. 1902,	*Wellesley*,	Apley 52.
Hurlburt, Henry Francis, Jr., A.B. 1901,	*Lynn*,	Drayton 18.
Hyde, Alvan Waldo, A.B. (*Yale Univ.*) 1902,	*Hartford, Conn.*	W. H. 50.
Ingham, Leonard Ward, A.B. (*Univ. of Illinois*) 1902,	*Clinton, Ill.*	54 Kirkland St.
Ireland, Gordon, A.B. 1901, A.M. 1902,	*Springfield*,	H'ke 21.
Jackson, Eugene Bailey, A.B. (*Brown Univ.*) 1902,	*Woonsocket, R. I.*	W. H. 31.
James, Rolin Rosco, A.B. (*Earlham Coll.*) 1902,	*Vincennes, Ind.*	1746 Cambridge St.
Janes, Alexander Leslie, A.B. (*Minnesota Univ.*) 1902,	*Pipestone, Minn.*	16 Oxford St.

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Johnson, Arthur Franklin, A.B. 1902,	*Saugus*,	S. 11.
Johnson, Roscoe Rucius, A.B. (*Wooster Univ.*) 1902,	*Ft. Recovery, O.*	76 Hammond St.
Kafer, Lester Scott, A.B. (*Princeton Univ.*) 1902,	*Trenton, N. J.*	1727 Cambridge St.
Keator, Frederic Rose, A.B. (*Yale Univ.*) 1902,	*Rock Island, Ill.*	
Kelly, Samuel Edward, A.M. (*Georgetown Coll.*) 1901,	*East Point, Ky.*	D. 32.
Keniston, Davis Baker, Jr., A.B. (*Dartmouth Coll.*) 1902,	*Plymouth, N. H.*	7 Sumner St.
Knowles, Henry Swift, A.B. 1902,	*New Bedford,*	60 Brattle St.
Lacy, Frank Robinson, A.B. 1902,	*Dubuque, Ia.*	P. 15.
Lamberson, Frank, A.B. (*Univ. of California*) 1901,	*Visalia, Cal.*	42 Wendell St.
Laubenstein, George Bartlett (*Harvard Coll. Senior*),	*La Grange, Ill.*	14 Plympton St.
Letchworth, Edward Hance, A.B. 1902,	*Buffalo, N. Y.*	S. 27.
Lewis, Frank, A.B. (*Denison Univ.*) 1902,	*Toledo, O.*	43 Irving St.
Littlefield, James Bancroft, A.B. (*Brown Univ.*) 1902,	*Providence, R. I.*	P. 47.
Livermore, Harris, A.B. 1901,	*Jamaica Plain,*	34 Alveston St., [Jam. Pl.
Locke, John Richards, A.B. 1901, A.M. 1902,	*Portland, Me.*	Everett 45.
Long, Martin Henry, A.B. (*Colby Coll.*) 1902,	*Denver, Colo.*	22 Claremont P'k, [Boston.
Low, Benjamin Robbins Curtis, A.B. (*Yale Univ.*) 1902,	*Brooklyn, N. Y.*	Winthrop 6.
Lunt, Alfred Eastman (*Harvard Coll. Senior*),	*Beverly,*	S. 16.
Luther, Willard Blackinton, A.B. (*Yale Univ.*) 1902,	*Providence, R. I.*	Winthrop 22.
Lyon, Walter Hastings, A.B. (*Dartmouth Coll.*) 1901,	*Springfield,*	1691 Cambridge St.
McAvoy, Thomas Aloysius, A.B. (*Yale Univ.*) 1902,	*Worcester,*	28 Mellen St.
McDermott, George Hicks (*Harvard Coll. Senior*),	*Allston,*	116 Franklin St., Allston.
McDonald, James Thompson, A.B. (*Wash. and Jeff. Coll.*) 1902,	*Richmond, O.*	89 Inman St.

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Mach, Henry Leonard, A.B. (*Western Reserve Univ.*) 1902,	*Cleveland, O.*	C. 7.
Mackinnon, Allan Parmelee, B.L. (*Dartmouth Coll.*) 1902,	*Boston,*	66 Bay State R'd, Boston.
McKnight, William Samson, A.B. (*Univ. of New Brunswick*) 1901, A.B. (*Harvard Univ.*) 1902,	*Marrtown, N. B.*	17 Wendell St.
McNeill, Walter Scott, A.B. (*Richmond Coll.*) 1899, PH.D. (*Berlin Univ.*) 1902,	*Greenville, S. C.*	W. H. 60.
McVicar, Edward Joseph, A.B. (*Dartmouth Coll.*) 1902,	*Auburndale,*	2104 Commonwealth Ave., [Auburndale.
Maddux, Parker Simmons, B.L. (*Univ. of California*) 1902,	*Berkeley, Cal.*	28 Bonner Ave., Somer.
Maynard, Robert Washburn, B.S. (*Amherst Coll.*) 1902,	*Newport, R. I.*	1599 Mass. Ave.
Merrill, Fred Bean, A.B. (*Bowdoin Coll.*) 1900,	*Bethel, Me.*	66 Wendell St.
Miller, Frederick William, Jr. (*Harvard Coll. Senior*),	*Boston,*	43 Peter Parley R'd, Boston.
Mitchell, Glenn Adney, A.B. (*Iowa Wesleyan Univ.*) 1902,	*Mt. Pleasant, Ia.*	58 Hammond St.
Morgan, Edmund Morris, Jr., A.B. 1902,	*Youngstown, O.*	42 Irving St.
Morrison, Willis Irwin, A.B. (*Princeton Univ.*) 1902,	*Pittsburg, Pa.*	61 Brattle St.
Morton, Jesse Whitman (*Harvard Coll. Senior*),	*Boston,*	Hotel Oxford, Boston.
Nelson, James Augustus, B.S. (*Amherst Coll.*) 1902,	*Brooklyn, N. Y.*	1599 Mass. Ave.
Newlin, Gurney Elwood, B.L. (*Univ. of California*) 1902,	*Los Angeles, Cal.*	40 Kirkland St.
Newman, George Augustus (*Harvard Coll. Senior*),	*Pittsfield,*	H'ke 5.
Norman, Edwin Gates, A.B. (*Yale Univ.*) 1902,	*Ledyard, Conn.*	53 Oxford St.
Norton, Porter Huntington (*Harvard Coll. Senior*),	*Buffalo, N. Y.*	M. 53.
Norwood, Charles Augustus, A.B. 1902,	*Hamilton,*	Everett 1.
O'Brien, Charles Joseph Francis (*Harvard Coll. Senior*),	*Roxbury,*	34 Gay Head St., Rox.
O'Connell, James Eugene, A.B. 1902,	*Dorchester,*	13 Bowdoin St., Dor.

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Owen, Carl Maynard, A.B. (*Dartmouth Coll.*) 1901,	*Jacksonville, Ill.*	64 Kirkland St.
Parker, Lewis Cook, A.B. (*Williams Coll.*) 1902,	*Westfield,*	54 Kirkland St.
Parker, William Ainsworth, A.B. 1896,	*Cambridge,*	86 Buckingham St.
Patten, James Horace, A.B. (*Kansas State Univ.*) 1896, A.B. (*Harvard Univ.*) 1897, A.M. (*ibid.*) 1899,	*Paola, Kan.*	T. 29.
Patterson, Alonzo Truman, PH.B. (*Brown Univ.*) 1902,	*E. Providence, R.I.*	E. Providence, R.I.
Pearre, Aubrey, Jr., A.B. (*Johns Hopkins Univ.*) 1902,	*Baltimore, Md.*	W. H. 25.
Perry, Winthrop Irving, A.B. 1901,	*Rockland,*	23 Mellen St.
Persons, William Frank, PH.B. (*Cornell Coll.*) 1900,	*Renwick, Ia.*	4 Gorham St.
Pitkin, Wolcott Homer, Jr., A.B. 1902,	*Albany, N.Y.*	W. H. 8.
Porter, Robert Baird, A.B. (*Knox Coll.*) 1902,	*New Salem, Pa.*	58 Hammond St.
Pritchard, Robert Arthur, A.B. (*Yale Univ.*) 1902,	*Brockton,*	96 Prescott St.
Quigley, Robin Wilfred, A.B. 1902,	*Goshen, N.Y.*	82 Hammond St.
Radovsky, David Reuben, A.B. 1902,	*Fall River,*	C. 33.
Rand, Mourant Woodbury (*Harvard Coll. Senior*),	*Brookline,*	Clark Road, B'kline.
Rehn, Valentine Laurence, A.B. (*Univ. of Wisconsin*) 1897,	*Marshall, Wis.*	419 Broadway.
Rémy, Victor Allison (*Harvard Coll. Senior*),	*Evanston, Ill.*	102 Mt. Auburn St.
Reppy, Roy Valentine, A.B. (*Leland Stanford Jr. Univ.*) 1902,	*Ventura, Cal.*	58 Kirkland St.
Reynolds, Dorrance, A.B. (*Yale Univ.*) 1902,	*Wilkesbarre, Pa.*	Winthrop 13.
Rich, Irving Lyman, PH.B. (*Univ. of Vermont*) 1902,	*Burlington, Vt.*	2 Walker Ter.
Riggs, Pliny Sexton, A.B. (*Yale Univ.*) 1900,	*Palmyra, N.Y.*	28 Mellen St.
Robbins, Ralph Walter, A.B. 1902,	*Leominster,*	M. 16.

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Roberts, Percival, A.B. (*Oxford Univ.*) 1902,	*Cambridge,*	Dana 43.
Rollins, Albert Moore, A.B. (*Bowdoin Coll.*) 1899,	*Milltown, Me.*	1734 Cambridge St.
Rosensohn, Samuel Julian, A.B. (*Coll. of the City of New York*) 1898,	*New York, N. Y.*	35½ Brattle St.
Ross, John Stewart, B.L. (*Univ. of California*) 1902,	*Los Angeles, Cal.*	41 Wendell St.
Sage, Herbert Alexander, PH.B. (*Emory Coll.*) 1900, A.B. (*Harvard Univ.*) 1902,	*Atlanta, Ga.*	Russell 26.
Salomon, Simon Henry, PH.B. (*Brown Univ.*) 1902,	*Groveton, N. H.*	47A Wendell St.
Sanders, Albert David, Jr., S.B. (*Northwestern Univ.*) 1902,	*Evanston, Ill.*	P. 2.
Saunders, Albert Langworthy, PH.B. (*Brown Univ.*) 1902,	*Westerly, R. I.*	48 Irving St.
Sawtell, Frank Melvin, A.B. 1902,	*Malden,*	Randolph 19.
Sawyer, Robert William, Jr., A.B. 1902,	*Bangor, Me.*	W. H. 2.
Sayler, Jacob Abner, A.B. (*Johns Hopkins Univ.*) 1902,	*Baltimore, Md.*	Winthrop 1.
Schoellkopf, Henry, A.B. (*Cornell Univ.*) 1902,	*Milwaukee, Wis.*	Everett 27.
Shaffer, Harold Stanley, A.B. (*Univ. of California*) 1902,	*Merced, Cal.*	42 Wendell St.
Silvius, Reuben Andrew, PH.B. (*Univ. of Iowa*) 1902,	*Hampton, Ia.*	28 Mellen St.
Smith, Foster Vestal, PH.B. (*De Pauw Univ.*) 1899,	*Tilden, Ind.*	473 Broadway.
Smith, Henman Bressee, S.B. (*Northwestern Univ.*) 1902,	*Coal City, Ill.*	16 Oxford St.
Smith, Sidney, A.B. (*Johns Hopkins Univ.*) 1902,	*Louisville, Ky.*	Winthrop 1.
Southworth, Stacy Baxter, A.B. 1900,	*Quincy,*	42 Wendell St.
Steel, Richard, A.B. (*Williams Coll.*) 1902,	*Auburn, N. Y.*	54 Kirkland St.
Steele, Thomas McBlain, A.B. (*Trinity Coll.*) 1902,	*Geneva, N. Y.*	12 Oxford St.
Steere, Lloyd Randol (*Harvard Coll. Senior*),	*Chicago, Ill.*	Apley 2.

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Stephenson, Robert Pettinger, A.B. (*Univ. of California*) 1902,	*Nordhoff, Cal.*	49 Oxford St.
Stern, Henry William Becker (*Harvard Coll. Senior*),	*Milwaukee, Wis.*	Craigie 201.
Stinchfield, Fred Harold, A.B. (*Bates Coll.*) 1900,	*Danforth, Me.*	T. 33.
Stockton, Herbert King, A.B. 1902,	*New York, N. Y.*	13 Kirkland Pl.
Stoddard, Henry Budington, A.B. (*Yale Univ.*) 1902,	*Bridgeport, Conn.*	Winthrop 2.
Sturtevant, Malcolm Eben, A.B. (*Tufts Coll.*) 1902,	*Somerville,*	T. 3.
Sudduth, William Lane, A.B. (*C. U. of Kentucky*) 1902,	*Louisville, Ky.*	16 Oxford St.
Swan, James George, A.B. (*Iowa Coll.*) 1901,	*Reinbeck, Ia.*	41 Sacramento St.
Sweetser, Frank Eliot, Jr., A.B. 1902,	*Brookline,*	Randolph 22.
Talbot, John Edward, A.B. 1902,	*Holliston,*	1750 Cambridge St.
Taussig, Charles August, A.B. (*Cornell Univ.*) 1902,	*Washington, D.C.*	12 Kirkland Pl.
Taylor, Charles Albert, A.B. (*Antioch Coll.*) 1902,	*Logan, O.*	65 Hammond St.
Taylor, Ralph Haydn, A.B. (*Dartmouth Coll.*) 1902,	*Haverhill,*	7 Sumner St.
Tenney, John Ferguson, A.B. (*Yale Univ.*) 1902,	*Methuen,*	Winthrop 9.
Thacher, Walter Hatch (*Harvard Coll. Senior*),	*San Diego, Cal.*	H. 28.
Thompson, Francis Banks (*Harvard Coll. Senior*),	*Troy, N. Y.*	44 Brattle St.
Tier, Frederic Edmund (*Harvard Coll. Senior*),	*Mt. Carmel, Pa.*	13 Remington St.
Tillinghast, Frederick Wheaton, PH.B. (*Brown Univ.*) 1902,	*Pawtucket, R. I.*	P. 44.
Tweedie, Thomas Mitchell March, A.B. (*Mt. Allison Coll.*) 1902,	*Nappan, N. S.*	2 Carver St.
Wagner, Fletcher Bernard, A.B. (*Leland Stanford Jr. Univ.*) 1902,	*Indianapolis, Ind.*	40 Kirkland St.
Walker, George Rowland, A.B. (*Bowdoin Coll.*) 1902,	*Portland, Me.*	42 Kirkland St.
Walsworth, Roscoe (*Harvard Coll. Senior*),	*Tempe, Ariz.*	C. 31.

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Watson, Frank Lewis, A.B. 1902,	*Gorham, Me.*	63 Gorham St.
Weed, Arthur Henry (*Harvard Coll. Senior*),	*Claremont, N. H.*	Apthorp 11.
Weil, Arthur (*Harvard Coll. Senior*),	*Boston,*	329 Mass. Ave., Boston.
Wells, Henry Gordon, A.B. (*Wesleyan Univ.*) 1902,	*Newton,*	49B Carleton St., Newton.
Wells, Harry Lord, A.B. 1902,	*Chicago, Ill.*	Craigie 301.
Whipple, Ten Broeck, A.B. (*Williams Coll.*) 1902,	*Devils Lake, N. D.*	1727 Cambridge St.
Whitaker, Spier (*Harvard Coll. Senior*),	*Davenport, Ia.*	P. 86.
Whitcomb, David, A.B. (*Amherst Coll.*) 1900,	*New York, N. Y.*	W. H. 10.
White, Clarence Joel, A.B. (*Univ. of Wisconsin*) 1901,	*Monroe, Wis.*	9 De Wolfe St.
Whitman, Allan Hiram, A.B. 1902,	*Charlestown,*	C't 15.
Wilby, Mitchell (*Harvard Coll. Senior*),	*Cincinnati, O.*	469 Broadway.
Wilds, Percival, A.B. (*Middlebury Coll.*) 1902,	*Middlebury, Vt.*	5 Everett St.
Williamson, Ralph Bertram, PH.B. (*Cornell Coll.*) 1899,	*Tama, Ia.*	2 Gorham St.
Wilson, Charles Harold, A.B. 1902,	*Davenport, Ia.*	Gnt. 6.
Wing, John Edwin, A.B. (*Wesleyan Univ.*) 1900,	*Waterville, Me.*	2 Carver St.
Wolcott, George Paul (*Harvard Coll. Senior*),	*Rochester, N. Y.*	Dana 21.
Wright, Joseph Garfield, A.B. (*Dartmouth Coll.*) 1902,	*Lowell,*	16 Whittier St.

Special Students.

Allen, Harold, PH.B. (*Yale Univ.*) 1900,	*Pittsburg, Pa.*	Winthrop 3.
Anspacher, Philip Baum, A.B. (*Leland Stanford Jr. Univ.*) 1900,	*San Francisco,*	61 Oxford St
Ashmead, James Edward, S.B. (*Rutgers Coll.*) 1897,	*Pleasantville, N.J.*	39 Irving St.
Berghoff, Alfred Charles, A.B. (*St. Ignatius Coll.*) 1899,	*Chicago, Ill.*	8 Prescott St.

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Boyd, James Harrington, A.B. (*Princeton Univ.*) 1886, A.M. (*ibid.*) 1888, S.D. (*ibid.*) 1892,	*Chicago, Ill.*	378 Harvard St.
Bridges, Francis Wilbur, A.B. (*Hampden Sidney Coll.*) 1900, B.L. (*Washington and Lee Coll.*) 1902,	*Hancock, Md.*	90 Hammond St.
Brown, Benjamin Henry Inness, A.B. (*Charleston Coll.*) 1900,	*Charleston, S.C.*	28 Gorham St.
Clapham, William Ellsworth, A.B. (*Indiana Univ.*) 1894, LL.B. (*ibid.*) 1896,	*Bloomington, Ind.*	11 Everett St.
Davis, George Norton, A.B. (*Delaware Coll.*) 1898,	*Laurel, Del.*	48 Irving St.
Drinker, Henry Sandwith, A.B. (*Haverford Coll.*) 1900, A.B. (*Harvard Univ.*) 1901,	*Haverford, Pa.*	57 Brattle St.
Eaton, Charles Scribner, A.B. (*Univ. of Chicago*) 1900,	*Chicago, Ill.*	1593 Mass. Ave.
Freese, John Henry,	*Bangor, Me.*	1727 Cambridge St.
Hall, Martin Thomas, A.B. 1901,	*Natick,*	H. 26.
Hazelrigg, Dyke Landeman, A.B. (*Univ. of Kentucky*) 1901,	*Frankfort, Ky.*	W. H. 11.
Hoye, Harry Wallace, A.B. 1901,	*Dover, N.H.*	7 Sumner St.
Inches, Cyrus Fiske, B.C.L. (*Kings Coll.*) 1902,	*St. John, N.B.*	P. 84.
Jeffery, James Clarke, PH.B. (*Yale Univ.*) 1899,	*Chicago, Ill.*	Randolph 45.
Johnson, Stanley Edwards, B.L. (*Dartmouth Coll.*) 1887,	*Bath, N.H.*	H'ke 11.
Keeler, Lynn Huntington, A.B. (*Cornell Univ.*) 1901,	*Moravia, N.Y.*	18 Sumner St.
Kerper, George Baron, Jr., A.B. 1899, LL.B. (*Cincinnati Law Sch.*) 1902,	*Cincinnati, O.*	140½ Mt. Auburn St.
Leahy, Francis Theodore,	*Boston,*	523 Fourth St., Boston.
Lee, Jay McIlvaine, LL.B. (*Kansas City Sch. of Law*) 1898,	*Kansas City, Mo.*	Little's 7.
Lewis, Howard, A.B. (*Denison Univ.*) 1900,	*Toledo, O.*	43 Irving St.
Lewis, James John, A.B. (*Bethel Coll.*) 1898,	*Russellville, Ky.*	34 Mellen St.
Lyman, Aaron Joseph,	*Council Bluffs, Ia.*	Drayton 2.

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McBreen, Hugh Aloysius, A.B. 1902,	*Roxbury*,	W. 51.
Mackay, George Castleman,	*St. Louis, Mo.*	Craigie 304.
Malott, Claude Guthrie, A.B. (*Indiana Univ.*) 1895, LL.B. (*ibid.*) 1899,	*Bloomington, Ind.*	11 Everett St.
Martin, Paul Leo, A.B. (*Creighton Univ.*) 1900,	*Omaha, Neb.*	19 Magazine St.
Meyer, Walter Eugene, A.B. (*Yale Univ.*) 1901,	*New York, N. Y.*	Winthrop 20.
Miller, John Charles, A.B. 1901,	*Boston*,	64 Commonw'h Ave., Boston.
Nichols, George Monroe Gage,	*Cambridge*,	Craigie 505.
Page, Elwin Lawrence, A.B. (*Williams Coll.*) 1900,	*Concord, N. H.*	10 Ashton Pl.
Perkins, Edmund Webster,	*Norwich, Conn.*	Craigie 304.
Randolph, Evan (*Harvard Coll. Senior*),	*Philadelphia, Pa.*	Apley 34.
Raymond, Emmons,	*Boston*,	1388 Mass. Ave.
Robinson, John Rose, Jr., B.L. (*Univ. of California*) 1900,	*Chico, Cal.*	12 Oxford St.
Robinson, Watson Bryant, A.B. (*Alma Coll.*) 1901,	*Vestaburg, Mich.*	1689 Cambridge St.
Sausser, David Asbury, PH.B. (*Bucknell Univ.*) 1901,	*Shamokin, Pa.*	41A Irving St.
Snyder, Author Talmage, A.B. (*Mt. Union Coll.*) 1901,	*Paris, O.*	18 Ellery St.
Stevenson, Ralph Dodds, A.B. (*Knox Coll.*) 1900,	*Galesburg, Ill.*	1593 Mass. Ave.
Stiles, Arthur Gwatkin, A.B. (*Kenyon Coll.*) 1900,	*Richwood, O.*	40 Shepard St.
Sullivan, Michael Augustin, A.B. 1901,	*Lawrence*,	H. 26.
Tucker, John Randolph, A.B. (*Wash. and Lee Univ.*) 1900, B.L. (*ibid.*) 1902,	*Lexington, Va.*	90 Hammond St.
Vandeventer, Thomas Lloyd, A.B. (*Leland Stanford Jr. Univ.*) 1902,	*Mt. Sterling, Ill.*	28 Wendell St.
Welch, Robin Leslie, A.B. (*Univ. of Chicago*) 1900,	*Des Moines, Ia.*	57 Gorham St.
Weldy, Morton Eugene, A.B. (*Iowa State Univ.*) 1899,	*Des Moines, Ia.*	53 Oxford St.

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Williamson, Simon Melville, A.B. (*Waynesburg Coll.*) 1894, A.M. (*ibid.*) 1897, A.B. (*Princeton Univ.*) 1899,	*Davistown, Pa.*	17 Putnam Ave.
Wyseman, Arthur Joseph, B.L. (*Univ. of Wisconsin*) 1901,	*Manitowoc, Wis.*	55 Hammond St.

SUMMARY.

Third Year Students	167
Second Year Students	196
First Year Students	228
Special Students	49
Total	640

Graduates of Colleges (see table below)	596
Harvard College Seniors on leave of absence	35
Graduates of Law Schools only	2
Non-graduates	7
Total	640

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GRADUATES OF COLLEGES.

University of Alabama	1
Alma College	1
Amherst College	12
Antioch College	1
Bates College	3
University of Berlin	1
Bethany College (Kans.)	1
Bethel College	1
Bowdoin College	12
Brown University	31
Bucknell University	1
University of California	17
Central University	2
Centre College	1
College of Charleston	1
University of Chicago	9
University of Cincinnati	1
Colby College	3
Colorado College	1
University of Colorado	1
Cornell College	2
Cornell University	7
Creighton University	2
Dartmouth College	25
Delaware College	1
DePauw University	1
Denison University	2
Dickinson College	2
Earlham College	2
Emory College	1
Fordham College	1
Franklin and Marshall College	1
Gates College	1
Georgetown College	2
Georgetown University	4
Hampden-Sidney College	1
Harvard University	245
Haverford College	2
Holy Cross College	1
Illinois College	3
University of Illinois	3
Illinois Wesleyan University	1
University of Indianapolis	1
Indiana University	3
Iowa College	9
State University of Iowa	3
Iowa Wesleyan University	1
Johns Hopkins University	6
University of Kansas	2
Kentucky University	1
Kenyon College	1
Knox College	3
Lehigh University	1
University of Leipzig	1
Leland Stanford Jr. University	8
Massachusetts Institute of Technology	2
Miami University	1
Middlebury College	1
University of Michigan	1
University of Minnesota	5
Mt. Allison College	1
Mt. Union College	1
University of Nebraska	2
University of New Brunswick	2
College of the City of New York	3
Northwestern University	8
Oxford University	1
University of Pennsylvania	1
Pomona College	2
Princeton University	12
Richmond College	1
Rutgers College	1
St. Ignatius College	1
St. John's College	1
St. Joseph's University	1
St. Lawrence University	1
Syracuse University	1
Trinity College (Conn.)	1
Tufts College	5
Tulane University	1
Union University	1
Vanderbilt University	1
University of Vermont	5
Washington and Jefferson College	6
Washington and Lee University	2
Waynesburg College	2
Wesleyan University (Conn.)	2
Western Reserve University	6
Wheaton College	1
Williams College	11
University of Wisconsin	9
Wooster University	1
Worcester Polytechnic Institute	1
Yale University	56
Total	612
Counted twice	16
Total Number College Graduates	596
Number of Colleges	94

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THE MEDICAL SCHOOL.

Courses for Graduates.

1901–02.*

Amrock, John Henry, M.D. (*Univ. of Pennsylvania*) 1901, *Waltham.*
Banks, Herbert Huntington, M.D. 1899, *Barrington, N.S.*
Belden, Albert Matson, M.D. (*Coll. of Physicians and Surgeons, Baltimore*) 1888, *Chesterfield.*
Brainerd, Walter Scott, M.D. (*Univ. of Vermont*) 1883, *Pemaquid, Me.*
Bridgman, Burt Nichols, B.S. (*Amherst Coll.*) 1885, M.D. (*Univ. Med. Coll.*) 1889, *Jamaica Plain.*
Casselberry, Clarence Marmaduke, M.D. (*Univ. of Pennsylvania*) 1897, *Boston.*
Dakin, Edward Arthur, M.D. (*Hahnemann Med. Coll.*) 1881, *Boston.*
Dunning, Arthur Walter, M.D. (*Coll. of Physicians and Surgeons, Chicago*) 1885, *St. Paul, Minn.*
Hunt, Allston Frost, M.D. (*Med. School of Maine*) 1889, *Lynn.*
Kellogg, Frederic Leroy, M.D. (*Bellevue Hospital Med. Coll.*) 1889, *Roxbury.*
Leavitt, Byron Charles, A.B. (*Dartmouth Coll.*) 1881, M.D. 1887, *Millbrook.*
Nicola, Charles Chesterfield, B.S. (*Univ. of Michigan*) 1896, M.D. (*ibid.*) 1897, *So. Lancaster.*
Ober, Marion Helena, M.D. (*Tufts Coll.*) 1901, *Wellesley.*
Perry, George Lewis, M.D. (*Dartmouth Med. Coll.*) 1878, *Reading.*
Potter, Carleton, A.B. 1895, M.D. 1899, *Boston.*
Wherry, William Buchanan, A.B. (*Wash. and Jeff. Coll.*) 1897, M.D. (*Rush Med. Coll.*) 1901, *Chicago, Ill.*

* Entering after the issue of the Catalogue of 1901-02.

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1902–03.

Carbone, Giovanni, M.D. (*Univ. of Naples*) 1892, *Boston.*
Coon, Marion, M.D. (*Boston Univ.*) 1891, *Boston.*
Coues, William Pearce, M.D. 1895, *Boston.*
Emerson, Benjamin Kendall, Jr., A.B. (*Amherst Coll.*) 1897, M.D. (*Harvard Univ.*) 1901, *Worcester.*
Mosher, Harris Peyton, A.B. 1892, M.D. 1896, *Boston.*
Nabers, Frank Edmoundson, PH.G. (*New York Coll. of Pharmacy*) 1891, *Birmingham, Ala.*
Page, Charles Whitney, M.D. 1870, *Hartford, Conn.*
Reagh, Arthur Lincoln, S.B. 1894, M.D. 1898, *W. Roxbury.*
Riggs, John Upton, M.D. (*Univ. of Mich.*) 1868, M.D. (*Bellevue Hosp. Med. Coll.*) 1873, *Bryan, O.*
Sargent, Oscar Franklyn Libby, M.D. (*Boston Univ.*) 1902, *Lawrence.*
Wales, Ernest de Wolfe, S.B. 1896, M.D. 1899, *Braintree.*
Webber, Stephen Elvaro, A.B. (*Colby Univ.*) 1886, A.M. (*ibid.*) 1889, M.D. (*Harvard Univ.*) 1894, *Calais, Me.*
Williams, Dudley, A.B. (*Johns Hopkins Univ.*) 1897, M.D. (*Johns Hopkins Med. Sch.*) 1902, *Baltimore, Md.*

Fourth Class.

Adams, Zabdiel Boylston, *Framingham.*
Albee, Fred Houdlett, A.B. (*Bowdoin Coll.*) 1899, *Head Tide, Me.*
Allen, Howard Louis, *Fall River.*
Andrews, Robert Eaton, A.B. 1899, *Cambridge.*
Bailey, Frederick James, *Boston.*
Barron, Elmer Walter, A.B. (*Tufts Coll.*) 1900, *Charlestown.*
Berry, Nathaniel Leander, Jr. *W. Newton.*
Blair, Orrin Curtis, *Springfield.*
Boutwell, Horace Keith, S.B. 1900, *Boston.*
Boyle, John Francis, *Lowell.*
Bridge, John Law, S.B. (*Wesleyan Univ.*) 1888, PH.D. (*Clark Univ.*) 1894, *Hazardville, Conn.*
Burke, Francis Ramon, A.B. 1898, *Quincy.*
Burrage, Thomas Jayne, A.M. (*Brown Univ.*) 1899, *Portland, Me.*
Butler, Patrick Francis, *Dorchester.*
Clark, George Oliver, A.B. 1900, *Framingham.*
Clarke, George William, *Cambridge.*
Cook, Philip Howard, A.B. 1899, *Portland, Me.*

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Cunningham, Wilfred Bernard,	*Cambridge.*
Darling, Byron Clary, A.B. (*Illinois Coll.*) 1898,	*Boston.*
Dearborn, Henry Hale, A.B. (*Dartmouth Coll.*) 1899,	*Milford, N.H.*
Deering, George Edwin,	*Worcester.*
Draper, Arthur Derby,	*Boston.*
Duncan, Charles, B.L. (*Dartmouth Coll.*) 1898,	*Chelsea.*
Emerson, George Edward,	*Everett.*
England, Albert Charles,	*Pittsfield.*
Eveleth, Charles Wonson, S.B. (*Tufts Coll.*) 1899,	*Marblehead.*
Fennessey, John Francis, A.B. (*Univ. of Notre Dame*) 1899,	*Boston.*
Fitch, Ralph Roswell,	*Dorchester.*
Flint, Edward Rawson, S.B. (*Mass. Agr. Coll.*) 1887, PH.D. (*Univ. of Göttingen*) 1892,	*Clifton.*
Flint, John, A.B. 1898,	*Brookline.*
Floyd, Cleaveland,	*Brookline.*
Galvin, Augustus Hughes,	*Dorchester.*
Garland, Roy, A.B. 1899,	*Gloucester.*
Gifford, Nathaniel Howland, A.B. (*Brown Univ.*) 1899,	*Wellington.*
Graham, Simon Peter,	*Newburyport.*
Grainger, Edward John, A.B. (*Boston Coll.*) 1898,	*E. Boston.*
Graves, Robert John, S.B. 1900,	*Boston.*
Green, Abraham,	*Roxbury.*
Grover, Arthur Leon, PH.B. (*Brown Univ.*) 1898,	*Portland, Me.*
Halligan, Edward Maurice,	*So. Boston.*
Hawes, John Bromham, 2d, A.B. 1900,	*Boston.*
Hickey, John Joseph,	*Marblehead.*
Hill, George Jackson,	*Beverly.*
Hindle, William,	*Providence, R.I.*
Holt, Edward Wells Atwood,	*No. Andover.*
Homans, John Alden, A.B. 1899,	*Boston.*
Hopkins, Frank Henry,	*So. Boston.*
Hurley, John Joseph, A.B. (*Mt. St. Mary's Coll.*) 1898, A.M. (*ibid.*) 1900,	*Boston.*
Hussey, Edward John, A.B. (*Holy Cross Coll.*) 1899,	*Holyoke.*
Joyce, Frederick Lawerance, A.B. (*Leland Stanford Jr. Univ.*) 1900.	*San Francisco, Cal.*
Kahn, Isidore Stanley, A.B. 1900,	*Dallas, Tex.*
Keith, Albert Russell, A.B. (*Colby Univ.*) 1897,	*Waterville, Me.*
Kelley, Jacob Sleeper,	*W. Newton.*

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Kelly, William Dugan,	*Boston.*
Lane, John William, A.B. 1899,	*Dorchester.*
Lee, Ralph Everett,	*Chelsea.*
Lloyd, Henry Demarest, Jr., A.B. 1899,	*Winnetka, Ill.*
Loftus, John Thomas, PH.G. (*Mass. Coll. of Pharmacy*) 1898,	*Worcester.*
McAllister, John Joseph Hector, A.B. (*Fordham Coll.*) 1899,	*Waltham.*
McAusland, William Russell,	*Taunton.*
McCaffrey, Charles Francis, S.B. 1899,	*Somerville.*
Macleod, William Preston, A.B. 1900,	*Cambridge.*
McSweeney, Daniel Justin, A.B. (*Boston Coll.*) 1889,	*Boston.*
Mahoney, Daniel Francis,	*Lowell.*
Martin, Dwight Clifford, D.M.D. 1900,	*Boston.*
Maxfield, George Henry,	*Franklin, N.H.*
Moline, Charles, S.B. 1900,	*Sunderland.*
Morse, Vernon Harcourt Chipman,	*Paradise, N.S.*
Norris, Albert Perley, S.B. (*Mass. Inst. of Tech.*) 1897,	*Cambridge.*
Oakman, Carl Shepard, A.B. 1900,	*Brookline.*
O'Reilly, William Francis,	*Dorchester.*
Packard, Loring Bradford, A.B. (*Yale Univ.*) 1899,	*Sharon.*
Parker, David Woodbury, A.B. (*Dartmouth Coll.*) 1899,	*Goffstown, N.H.*
Parker, Ernest Lawrence,	*Worcester.*
Phelps, Joseph Royal,	*Malden.*
Raymond, Loring Hay,	*Somerville.*
Reardon, Daniel Bartholomew,	*W. Quincy.*
Rice, Alexander Hamilton, A.B. 1898.	*Boston.*
Richardson, Frank Linden,	*Concord.*
Rochette, Edward Charles,	*Worcester.*
Sanger, Guy Edward,	*Watertown.*
Sargent, Walter Leslie, A.B. (*Williams Coll.*) 1899,	*Quincy.*
Shanks, Charles,	*New Bedford.*
Smith, Homer Brandel, A.B. 1900,	*Lancaster, N.H.*
Smith, Hervey Lewis,	*Smith's Ferry.*
Spicer, George Thurston, A.B. (*Brown Univ.*) 1897, A.M. (*ibid.*) 1901,	*Providence, R.I.*
Stanton, Joseph, PH.G. (*Mass. Coll. of Pharm.*) 1899,	*Cambridge.*
Stone, Murray Chaffee,	*Fitchburg.*
Stone, Thomas Newcomb,	*Wakefield.*

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Sturgis, Milton Gorham, A.B. (*Bates Coll.*) 1900,	*Lynn.*
Sullivan, Edward Coppinger,	*Taunton.*
Taylor, Ewing, A.B. (*Williams Coll.*) 1895,	*Boston.*
Thomas, Thomas Hasbrouck, A.B. (*Lincoln Univ.*) 1894,	*Cambridge.*
Tobey, George Loring, Jr.	*Clinton.*
Trueman, Nelson Gore, D.M.D. 1900,	*Boston.*
Tyler, Winsor Marrett, A.B. 1899,	*Lexington.*
Vickery, Eugene Augustus,	*Dorchester.*
Walker, William Hastings,	*Cambridge.*
Whitney, Edward William,	*Ware.*
Williams, Frederick Smith, A.B. 1897,	*Waltham.*
Wolbach, Simeon Burt,	*Grand Island, Neb.*

THIRD CLASS.

Amory, Ingersoll, A.B. 1892,	*Boston.*
Andrews, Frederick Francis,	*E. Boston.*
Arkin, Louis, S.B. 1901,	*Cambridge.*
Ayres, Harold Winslow,	*W. Somerville.*
Baker, Leonard Allen,	*W. Duxbury.*
Balboni, Gerardo Monari,	*W. Roxbury.*
Baldwin, Charles Hume, A.B. (*Williams Coll.*) 1900,	*Medford.*
Barnes, William Lester, A.B. 1900,	*No. Attleboro.*
Barney, James Dellinger, A.B. 1900,	*Roxbury.*
Bartlett, Daniel Edwin,	*Cambridge.*
Bastian, George Leon,	*Lawrence.*
Beals, Lynn Staley, A.B. 1900,	*Mt. Vision, N. Y.*
Beeley, Leon Gage, A.B. 1900,	*Lawrence.*
Bell, Conrad, A.B. 1900,	*Cambridge.*
Bigelow, Edward Bridge, A.B. (*Dartmouth Coll.*) 1900,	*Grafton.*
Blake, Allen Hanson,	*Cambridge.*
Brennan, Thomas Joseph,	*So. Boston.*
Brine, Elmer Louis,	*Somerville.*
Carlisle, Frank Henry,	*Malden.*
Chase, Theodore Woolsey, A.B. (*Dartmouth Coll.*) 1899,	*Hanover, N.H.*
Clark, John Donovan, S.B. 1901.	*Newtonville.*
Clark, Nelson Henry, S.B. (*Antioch Coll.*) 1897,	*Clifton, O.*
Clow, Fred Ellsworth,	*Wolfeboro, N.H.*
Coffin, Leslie Erwin,	*Canobie Lake, N.H.*
Connolly, William Edward, A.B. 1898,	*Cambridge.*

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Cushing, Arthur Alden,	*Brookline.*
Cusick, Laurence Francis,	*Nahant.*
Dearborn, Edmund Gerrish, A.B. (*Dartmouth Coll.*) 1900,	*Milford, N.H.*
Dexter, Fred Fay,	*Springfield.*
Downing, Andrew Francis, A.B. 1900,	*Cambridge.*
Drake, Percy Greenough, S.B. (*Dartmouth Coll.*) 1899,	*Rye, N.H.*
Easton, Charles Daniel, A.B. (*Brown Univ.*) 1899, A.M. (*ibid.*) 1900,	*Boston.*
Easton, Frank Birch, A.B. (*Brown Univ.*) 1900,	*Lakeport, N.H.*
Eaton, William Edward,	*So. Framingham.*
Ellam, Herbert William,	*Worcester.*
Fabyan, Marshal, A.B. 1900,	*Brookline.*
Farmer, William Francis,	*Tewksbury.*
Fearney, Frank Albert,	*Lakewood, R.I.*
Fenwick, George Benson, A.B. 1900,	*Chelsea.*
Field, Henry Martyn, A.B. (*Yale Univ.*) 1900,	*Dorchester.*
Finkelstein, Harry,	*Boston.*
Flynn, Henry Lawrence,	*Boston.*
Foss, Alvin Warren, A.B. (*Bates Coll.*) 1897,	*E. Raymond, Me.*
Fountaine, Oliver Reynolds,	*Lubec, Me.*
Freedman, Louis Mark, A.B. 1901,	*Chelsea.*
Gafney, Harry Dabol,	*Petersham.*
Gerrish, Lester Pierpont, A.B. (*Bates Coll.*) 1896,	*Lisbon, Me.*
Goddard, Samuel Warren,	*Brockton.*
Good, Frederick Leo,	*Cambridge.*
Graves, James Chapman, Jr., A.B. (*Amherst Coll.*) 1899,	*Marblehead.*
Gray, Charles Perley, S.B. (*Univ. of Maine*) 1900,	*Oldtown, Me.*
Grimes, Loring, 2d,	*Rockport.*
Hagerty, Joseph James,	*Roxbury.*
Hancock, Albert William,	*Everett.*
Hanson, William Clinton, A.B. 1899,	*Cambridge.*
Hartwell, John Bryant, A.B. (*Yale Univ.*) 1900,	*Albany, N.Y.*
Hatch, Royal, A.B. (*Dartmouth Coll.*) 1900,	*Strafford, Vt.*
Herman, Edwards Woodbridge,	*Boston.*
Hitchings, Frederic Wade, S.B. 1901,	*Boston.*
Hosley, Walter Alexis, A.B. 1900,	*Springfield.*
Howe, George Plummer, A.B. 1900,	*Lawrence.*
Hubbard, Wallace Eugene,	*Brighton.*
Hurley, Edward Daniel,	*So. Boston.*
Inglis, Harry James,	*Middletown, Conn.*

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Kenney, Thomas Francis,	*Worcester.*
Kidner, Frederick Clinton, A.B. 1900,	*Boston.*
King, Henry Daniel,	*Springfield.*
King, Hamilton Theodore,	*Newport, R.I.*
Kingman, Lucius Collinwood, A.B. (*Yale Univ.*) 1900,	*Providence, R.I.*
Lahey, Francis Howard,	*Haverhill.*
Lee, William George, A.B. 1901,	*Chicago, Ill.*
Lewis, James Prince, Jr.	*Dorchester.*
Lewis, Louis,	*Providence, R.I.*
Linenthal, Harry, A.B. 1900,	*E. Boston.*
Longfellow, Henry Nathan, PH.G. (*Mass. Coll. of Pharmacy*) 1890,	*Georgetown.*
McAllester, Ralph William, A.B. 1900,	*Randolph.*
McClintock, Francis Blake,	*Chelsea.*
McLean, John Allen,	*Somerville.*
McLellan, Malcolm Sawyer,	*Melrose Highlands.*
Marshall, Harold Kenneth,	*Boston.*
Marshall, Herman Prince,	*Gloucester.*
Meisenbach, Roland Otto,	*St. Louis, Mo.*
Mendelsohn, Louis, A.B. 1901.	*Boston.*
Messinger, Harry Carleton,	*Roxbury.*
Morrill, Gordon Niles,	*Boston.*
Morse, Nathaniel Niles, B.L. (*Dartmouth Coll.*) 1900,	*Auburndale.*
Nelson, Louis, A.B. 1900,	*Roxbury.*
Oak, Charles Arthur,	*Revere.*
O'Brien, Daniel Paul, M.D.V. 1899,	*Chelsea.*
Oliver, Everard Lawrence,	*Boston.*
Ordway, Clarence Eugene, A.B. (*Yale Univ.*) 1900,	*Winchester.*
Page, Harry Merton,	*Somerville.*
Philbrick, Roscoe Hunter,	*W. Somerville.*
Phillips, John Charles, S.B. 1899,	*Boston.*
Phippen, Walter Gray, A.B. 1900,	*Salem.*
Place, Edwin Hemphill,	*Francestown, N.H.*
Riemer, Hugo Bruno Charles,	*Norwood.*
Robbins, Chandler, A.B. 1899,	*Weston.*
Robbins, William Bradford, A.B. 1899,	*Weston.*
Rogers, John Conway, Jr., A.B. (*Bowdoin Coll.*) 1899,	*Pembroke, Me.*
Rogers, Mark Homer, A.B. (*Williams Coll.*) 1900,	*Allston.*
Ross, Wayland,	*Boston.*
Russell, Charles Bradley, S.B. (*Illinois Coll.*) 1899,	*Stockbridge.*

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Seaver, Edwin Pliny, Jr.	*Waban.*
Seymour, Frederick Ward,	*Holyoke.*
Seymour, Malcolm,	*Holyoke.*
Shoninger, Lee Simon, PH.B. (*Yale Univ.*) 1900,	*New Haven, Conn.*
Smyth, Patrick Somers, A.B. (*St. Francis Xavier's Coll.*) 1896,	*Port Hood, N.S.*
Spear, Louis Mahlon, A.B. (*Bowdoin Coll.*) 1900,	*Gardiner, Me.*
Stanley, Francis Guy, S.B. (*Mass. Agr. Coll.*) 1900,	*Boston.*
Staples, Clarence Hathorne, A.B. (*Wesleyan Univ.*) 1900,	*Waltham.*
Stone, Ralph Edgarton,	*Waltham.*
Strauss, Sidney, A.B. 1901.	*Pittsfield, Ill.*
Sturnick, Max,	*Boston.*
Sullivan, Charles Brent,	*Boston.*
Thompson, Joseph Mariner,	*Dorchester.*
Timmins, Edward Francis,	*So. Boston.*
Trayes, William Henry, Jr.	*Boston.*
Wald, Rudolf Henry,	*Boston.*
Watts, Joseph Palmer,	*Chelsea.*
Wheelock, Frank Robert,	*Somerville.*
Whitney, Ray Lester, PH.B. (*Brown Univ.*) 1900,	*Winchendon.*
Whiton, Ross Kittredge, A.B. 1900,	*Quincy.*
Williams, John Thomas,	*Roxbury.*
Woodbury, Willard Porter, A.B. 1900,	*Beverly.*
Woodward, Walter Carleton, B.L. (*Dartmouth Coll.*) 1899,	*Randolph, Vt.*
Young, John Albion, PH.B. (*Brown Univ.*) 1900,	*Warren, R.I.*

SECOND CLASS.

Adams, Charles Waldron, A.B. 1901,	*Cambridge.*
Amsden, George Samuel, A.B. 1901,	*Ashtabula, O.*
*Ascher, Joseph,	*Boston.*
Baker, Leslie Talbot, A.B. 1900,	*Boston.*
Beach, Sylvester Judd, A.B. 1901,	*Wayland.*
*Bianco, Joseph Anthony,	*Orient Heights.*
Blake, Gerald, A.B. 1901,	*Boston.*
Boardman, William Parsons, A.B. 1902,	*Boston.*
Bosworth, Freeman Dodd, Jr., A.B. 1901,	*Cambridge.*
*Boyle, Jeremiah Joseph,	*Cambridge.*
Brooks, Robert Hartley, A.B. (*Dartmouth Coll.*) 1900,	*Claremont, N.H.*

* Entering previous to June, 1901.

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Bryant, Clarence Edmund, B.L. (*Dartmouth Coll.*) 1901,	*Hyde Park.*
*Bullard, Channing Sears,	*Cambridge.*
Burnett, Francis Lowell, S.B. 1902,	*Cambridge.*
Burns, Walter Linn, S.B. (*Villanova Coll.*) 1896, A.B. (*ibid.*) 1897,	*Lawrence.*
*Carr, Percy Whitman,	*Hyde Park.*
Chace, Fenner Albert, A.B. 1897,	*Fall River.*
Chase, Harrison Ayer, B.P. (*Brown Univ.*) 1901,	*Brockton.*
*Coburn, Horace Fordyce,	*Lowell.*
*Conlon, Frank Aloysius,	*Lawrence.*
*Connelly, John Edward,	*Reading.*
Converse, Joseph Henry, 2d, S.B. 1902,	*Brookline.*
*Cullinane, Timothy Joseph,	*Andover.*
*Cunningham, Edward Albert,	*Cambridge.*
*Curley, John Patrick,	*Brighton.*
Dana, Harold Ward, A.B. 1900,	*Boston.*
Day, Hilbert Francis, PH.B. (*Yale Univ.*) 1901,	*Boston.*
Denning, Edward John, A.B. 1901,	*So. Boston.*
Dexter, Richard, A.B. 1901,	*Boston.*
Donaldson, Frederick August, A.B. 1896,	*Dorchester.*
Drew, Charles Allen, S.B. (*Dartmouth Coll.*) 1900,	*Sharon.*
*Drowne, Edwin Lewis,	*E. Boston.*
*Drury, Dana Warren,	*Roxbury.*
*Dyer, Ernest Arey,	*Boston.*
Eastman, Theodore Jewett, A.B. 1901,	*So. Berwick, Me.*
Ehrenfried, Albert, A.B. 1902,	*Boston.*
Emery, Ernest Washburn, A.B. (*Bates Coll.*) 1892),	*Ashburnham.*
*Emery, William Campbell,	*Dorchester.*
Faxon, Nathaniel Wales, A.B. 1902,	*Stoughton.*
Fisher, Charles, S.B. (*Carleton Coll.*) 1901,	*Devils Lake, N.D.*
*Fitzgibbon, Edward James,	*Worcester.*
*Frothingham, Joseph Laforme,	*Boston.*
*Gaffney, James Francis,	*Lowell.*
Gafforio, Pippo Joseph, B.L. (*Dartmouth Coll.*) 1900,	*Boston.*
Gilpatrick, Roy Hawkes, A.B. (*Yale Univ.*) 1901,	*Cambridge.*
Goodell, William, A.B. (*Amherst Coll.*) 1901,	*Amherst.*
Grant, Dick, S.B. 1897,	*St. Mary's, Ont.*
Hager, William Perry, S.B. 1900,	*So. Deerfield.*
Hildreth, George Kelsea, A.B. (*Dartmouth Coll.*) 1900,	*Bethlehem, N.H.*

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*Holt, Harry Frye,	*Andover.*
Holt, William Leland, A.B. 1901,	*Portland, Me.*
Hopkinson, George, A.B. (*Brown Univ.*) 1896,	*Westford, Vt.*
Hornbrook, Frank Wheeler, PH.B. (*DePauw Univ.*) 1899,	*Evansville, Ind.*
Hoyt, Charles Wentworth, A.B. 1902,	*Rochester, N. Y.*
*Johnson, Herbert William,	*Watertown.*
*Kent, Ralph Porter,	*Attleboro.*
Lane, Peter Henry, B.L. (*Dartmouth Coll.*) 1899,	*Nahant.*
Lee, Roger Irving, A.B. 1902,	*Peabody.*
*Lowney, Jeremiah Joseph,	*Fall River.*
*Luce, Dean Sherwood,	*Vineyard Haven.*
*Lutz, Frederick Louis,	*Dedham.*
*McKee, George Joseph,	*Allegheny, Pa.*
McLaughlin, William Charles, A.B. (*Brown Univ.*) 1901,	*Providence, R.I.*
McLeod, Norman Murray, A.B. 1902,	*Newport, R.I.*
Maguire, Eugene Leo, A.B. (*Dartmouth Coll.*) 1901,	*Somerville.*
*Mahoney, Francis Xavier, M.D.V. 1892,	*Dorchester.*
*Marshall, Frederic Monroe,	*Nunda, N. Y.*
Merrill, Charles Henry, A.B. (*Dartmouth Coll.*) 1901,	*Kennebunkport, Me.*
Miller, Malcolm Dean, A.B. 1901,	*Cambridge.*
Moran, Charles Leo, A.B. 1902,	*Roxbury.*
Murphy, James Cornelius, A.B. (*Boston Coll.*) 1901,	*Norwood.*
Newhall, Harvey Field, A.B. 1901,	*Lynn.*
*Newton, Roland Stephen,	*Fayville.*
Nichols, Chester Wellington, A.B. 1901,	*Dorchester.*
Niles, Nathaniel Leo, PH.B. (*Brown Univ.*) 1899,	*Providence, R.I.*
*Nutting, Joseph Francis,	*Ludlow.*
Ordway, Thomas, A.M. 1900,	*Cambridge.*
*Osgood, George,	*Brookline.*
O'Shea, John Henry, A.B. (*Gonzaga Coll.*) 1901,	*Spokane, Wash.*
Overlander, Charles Leonard, PH.C. (*Univ. of Kansas*) 1898, PH.B. (*Yale Univ.*) 1901,	*Boston.*
Pratt, Frederick Haven, A.B. 1896,	*Worcester.*
Proctor, Thomas Melville, A.B. (*Amherst Coll.*) 1901,	*Wrentham.*
*Reed, Carlisle (*Lawrence Scientific Sch. Senior*),	*Boston.*
Rice, Allen Galpin, A.B. 1902,	*Springfield.*
*Richmond, Fred Marcy,	*Everett.*

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Robinson, David, A.B. (*Brown Univ.*) 1901,	*Cambridge.*
*Ruston, Warren Dunn,	*W. Somerville.*
*Salmon, Edward Lawrence,	*Southboro.*
Shanahan, Timothy Joseph, A.B. (*Dartmouth Coll.*) 1901,	*Charlestown.*
Shattuck, George Cheever, A.B. 1901,	*Boston.*
Sibley, Benjamin Ernest, A.B. (*Wesleyan Univ.*) 1898,	*Rialto, Cal.*
*Sibley, Hartwell Astor, Jr.	*Dorchester.*
Southgate, Alfred Willard, A.B. (*Amherst Coll.*) 1901,	*Worcester.*
Stearns, Roy Sumner, S.B. (*Middlebury Coll.*) 1901,	*Bristol, Vt.*
Stevens, Harold Elmer Ellsworth, A.B. (*Bates Coll.*) 1901,	*Boston.*
Storey, Thomas Andrew, A.B. (*Leland Stanford Jr. Univ.*) 1896, A.M. (*ibid.*) 1899, PH.D. (*ibid.*) 1902,	*Stanford Univ., Cal.*
Storrs, Henry Randolph, A.B. 1896,	*Brookline.*
*Sullivan, John Joseph,	*Lawrence.*
Talbot, Fritz Bradley, A.B. 1900,	*Brookline.*
Talty, Francis Eugene, A.B. (*Manhattan Coll.*) 1901,	*Buttonwoods, R.I.*
Thayer, Nathan Pulsifer, A.B. (*Colby Coll.*) 1901,	*Waterville, Me.*
*Tolman, Henry, Jr.	*Newton.*
*Van Magness, Fred,	*Chelsea.*
*Vinal, Charles Renough,	*Dorchester.*
Walcott, William Wright, S.B. (*Mass. Inst. of Tech.*) 1901,	*Natick.*
Wardwell, James Knight, A.B. (*Williams Coll.*) 1901,	*Roxbury.*
Wentworth, Mark Hunking, 2d, A.B. 1901,	*Portsmouth, N.H.*
*Whitehouse, Eugene Dizer,	*Brighton.*
Whitney, James Lyman, A.B. (*Yale Univ.*) 1901,	*Branford, Conn.*
Whittemore, Wyman, S.B. 1901,	*Cambridge.*
*Willis, Dwight Fletcher,	*Waltham.*
Wilson, John Edward, A.B. (*Dartmouth Coll.*) 1901,	*Natick.*
Witherell, Carl Hamlin, A.B. (*Colby Coll.*) 1901,	*Oakland, Me.*
Woolley, Walter Thomas, S.B. (*Ill. Wesleyan Univ.*) 1898,	*Chicago, Ill.*
*Young, Herbert Walter,	*Boston.*

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First Class.

Achorn, Kendall Lincoln (*Lawrence Scientific Sch. Senior*),	*Boston.*
Adamian, Parnag Adam, A.B. (*Central Turkey Coll. of Aintab, Turkey*) 1897, D.B. (*Episcopal Theol. Sch., Cambridge*) 1901,	*Boston.*
Ahern, James Leo, A.B. (*Mt. St. Mary's Coll.*) 1902,	*Boston.*
Baker, Harold Woods (*Lawrence Scientific Sch. Senior*),	*Boston.*
Barker, Marcus Leonard, A.B. (*Univ. of Durham, Eng.*) 1897,	*Boston.*
Barker, Williston Wright, A.B. (*Brown Univ.*) 1902,	*Newport, R. I.*
Bartlett, William Bradford, A.B. 1902,	*Concord.*
Bigelow, Leslie Lawson (*Harvard Coll. Senior*),	*Columbus, O.*
Birnie, John Mathews, A.B. (*Williams Coll.*) 1901,	*Springfield.*
Blake, John Amory Lowell, A.B. 1902,	*Boston.*
Boyd, David Hartin, A.B. (*Wash. and Jeff. Coll.*) 1902,	*Allegheny, Pa.*
Brooks, William Gray, LL.B. (*Boston Univ.*) 1877,	*Boston.*
Bruce, Harold Milton, A.B. 1902,	*Cambridge.*
Calder, Harold Granville, A.B. (*Brown Univ.*) 1902,	*Providence, R. I.*
Callahan, Henry Alphonsus, A.B. (*Boston Coll.*) 1902,	*Jamaica Plain.*
Champion, Merrill Edwin, A.B. 1902,	*Greenwood.*
Chapin, Laurence Dudley, A.B. 1902,	*Springfield.*
Chase, Gilman Leeds (*Harvard Coll. Senior*),	*Randolph.*
Christiernin, Charles Leonard (*Harvard Coll. Senior*),	*Boston.*
Connor, William Henry, A.B. (*Holy Cross Coll.*) 1902,	*Pittsfield.*
Corbett, Jeremiah Joseph, A.B. (*St. Francis Xavier's Coll.*) 1899,	*Peabody.*
Crosbie, Arthur Hallam (*Harvard Coll. Senior*),	*Joliet, Ill.*
Darling, Arthur Edwin, A.B. (*Bates Coll.*) 1902,	*Auburn, Me.*
Day, Homer Leland, A.B. (*Leland Stanford Jr. Univ.*) 1901,	*San Francisco, Cal.*

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*Doherty, Francis Joseph,	*Woburn.*
Fassett, Fred Julius, A.B. (*Yale Univ.*) 1898,	*Montpelier, Vt.*
Fitzpatrick, James Henry, A.B. 1902,	*Cambridge.*
Frothingham, Channing, Jr., A.B. 1902,	*Brooklyn, N. Y.*
Gerdine, Lynn van Horn, A.M. 1898,	*Boston.*
Godfrey, Henry White, A.B. 1902,	*Hampton, N. H.*
Goldthwaite, Ralph Harvard (*Harvard Coll. Senior*),	*Brighton.*
Gorman, Frederick Daniel, A.B. (*Holy Cross Coll.*) 1902,	*Lowell.*
Green, Robert Montraville, A.B. 1902,	*Boston.*
Halliday, John, A.B. 1899,	*Cairo, Ill.*
Hatch, Ralph Augustus (*Lawrence Scientific Sch. Senior*),	*Boston.*
Hogan, Frank James, A.B. (*St. Francis Xavier's Coll.*) 1902,	*St. John, N. B.*
Hollings, Charles Byam (*Harvard Coll. Senior*),	*Cambridge.*
Holt, Charles Herbert, PH.B. (*Brown Univ.*) 1902,	*Pawtucket, R. I.*
Kelsey, Paul Henry, A.B. 1902,	*Cambridge.*
Kinnicutt, Roger, A.B. 1902,	*Worcester.*
Kissock, Robert James (*Harvard Coll. Senior*),	*E. Boston.*
Knoop, William Theodore, A.B. (*Brown Univ.*) 1901,	*Providence, R. I.*
Knowlton, Roscoe Hosmer (*Harvard Coll. Senior*),	*W. Acton.*
Ladd, William Edwards, A.B. 1902,	*Milton.*
*Lentine, Gaspare Emmanuel,	*Dorchester.*
Leopold, Jerome Sam (*Harvard Coll. Senior*),	*Chicago, Ill.*
McLaughlin, Thomas Joseph, A.B. (*Mt. St. Mary's Coll.*) 1902,	*Woonsocket, R. I.*
Maguire, Daniel Francis (*Harvard Coll. Senior*),	*Dorchester.*
Manning, John Brown (*Lawrence Scientific Sch. Senior*),	*Wollaston.*
Mercer, Walter Leo, A.B. (*Holy Cross Coll.*) 1902,	*Pittsfield.*
Metcalf, Carleton Ray, A.B. 1902,	*Cambridge.*
Millard, Jean Sears (*Lawrence Scientific Sch. Senior*),	*Roxbury.*
Mixter, Charles Galloupe, S.B. (*Mass. Inst. of Tech.*) 1902,	*Boston.*
Mixter, William Jason, S.B. (*Mass. Inst. of Tech.*) 1902,	*Boston.*

* Entering previous to June, 1901.

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Moon, Frederick Franklin, A.B. (*Amherst Coll.*) 1901, *Quincy.*
Murphy, Francis Vincent, A.B. (*Dartmouth Coll.*) 1902, *Newport, R.I.*
*O'Brien, Stanislaus Patrick, *Lowell.*
O'Neill, Harry Joseph, A.B. (*Villanova Coll.*) 1898, *Boston.*
O'Reilly, James Archer, A.B. 1902, *St. Louis, Mo.*
O'Sullivan, William Daniel, B.L. (*Dartmouth Coll.*) 1900, *Lawrence.*
Peirce, Bradford Hendrick, A.B. 1902, *Cambridge.*
Penhallow, Dunlap Pearce (*Lawrence Scientific Sch. Senior*), *Portsmouth, N. H.*
Pillsbury, Henry Church, A.B. (*Dartmouth Coll.*) 1902, *Lowell.*
Pond, Lucius Beverly, A.B. (*Yale Univ.*) 1902, *Unionville, Ct.*
Pratt, David Damon, B.L. (*Dartmouth Coll.*) 1902, *Easton.*
Reese, Charles Arnold, A.B. (*Brown Univ.*) 1902, *Newton Highlands.*
Richardson, Edward Peirson, A.B. 1902, *Boston.*
Risley, Edward Hammond, A.B. (*Yale Univ.*) 1902, *Newburyport.*
Rowley, John Carter, A.B. 1902, *Brookline.*
Sanborn, Harvey Beede, A.B. (*Dartmouth Coll.*) 1902, *Gonic, N. H.*
Sawyer, Wilbur Augustus, A.B. 1902, *San Jose, Cal.*
Sheahan, George Maurice, A.B. 1902, *Quincy.*
*Shean, Maurice Edwin, *Belmont.*
Sparrow, Ernest Harold, A.B. 1902, *Cambridge.*
Stevens, Horace Paine (*Harvard Coll. Senior*), *Cambridge.*
Stone, Emil Herman, A.B. 1902, *Cleveland, O.*
Swift, Walter Babcock, A.B. 1901, *Wellesley Hills.*
Sylvester, Philip Haskell, A.B. 1902, *Newton Centre.*
Thompson, William Bisbee, B.L. (*Dartmouth Coll.*) 1902, *Boston.*
Travis, Howard Currier (*Harvard Coll. Senior*), *Newton.*
Trimble, James Guinne, Jr., A.B. (*Fisk Univ.*) 1902, *Nashville, Tenn.*
Tryon, Arthur William, A.B. (*Bates Coll.*) 1902, *Auburn, Me.*
Turner, Charles Sampson, PH.B. (*Brown Univ.*) 1901, A.M. (*ibid.*) 1902, *Providence, R. I.*
*Van Wagner, LeGrand, *Syracuse, N. Y.*
*Waldstein, Charles, *Boston.*
Wells, Orion Vassar, A.B. (*Boston Univ.*) 1902, *Bakersfield, Vt.*
Wood, Benjamin Ezra, A.B. 1901, *Boston.*

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Wyman, John Howard, A.B. (*Bowdoin Coll.*) 1901, *Skowhegan, Me.*
Young, James Herbert (*Lawrence Scientific Sch. Senior*), *Amesbury.*

SUMMARY.

In Courses for Graduates, 1902–03 (to Oct. 15)	13
Fourth Class	101
Third Class	127
Second Class	115
First Class	89
Total	445

In Courses for Graduates, 1901–02, after publication of Catalogue for 1901–02	16
In Summer Courses, 1902	130

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THE DENTAL SCHOOL.

Post-Graduates.

NAME.	HOME RESIDENCE.	PRESENT ADDRESS.*
Oya, Yosoku, D.M.D. (*San Francisco Dent. Coll.*) 1902,	*Shimotsuke, Japan,*	77 Revere St.
Patton, Charles Henry,	*St. John, N. B.*	680 Mass. Ave.

Third Year.

Brown, Fred Louis Standish,	*Westboro,*	352 Columbus Ave.
Christen, Paul,	*Olten, Switzerland,*	26 Isabella St.
Clarke, Harold William,	*Southbridge,*	30 Hancock St.
Cohen, Bernard, A.B. 1900,	*Pawtucket, R. I.*	86 Charles St.
Cohen, Henry Eli,	*Roxbury,*	6 Ellis St., Roxbury.
Cunningham, Ralph Prindall,	*Gloucester,*	30 Hancock St.
Damon, Stanley William,	*Boston,*	201 Chestnut Ave.
Davis, John Boynton, A.B. 1901,	*Newtonville,*	442 Walnut St., Newtonville.
Dill, Martin Bassett, A.B. 1901,	*Newton Centre,*	460 Com'wealth Ave., Newton Centre.
Fitzgerald, James Joseph,	*Roxbury,*	3 Dayton Ave.
Gibbs, Frederick Azro, B.S. (*Dartmouth Coll.*) 1898,	*Dover, N. H.*	8 Berwick Park.
Gilbert, Ernest Hubbell, A.B. (*Brown Univ.*) 1900,	*Newton Upper Falls,*	6 Oseepee R'd, Newt. Upper [Falls.
Gilman, Henry, A.B. (*Bowdoin Coll.*) 1897,	*Scarboro, Me.*	408 Columbus Ave.
Hanlon, Harold Clinton,	*No. Easton,*	10 William St., No. Easton.
Hazen, William Dimick,	*W. Hartford, Vt.*	41 Hancock St.
Langley, Herbert Frank, A.B. 1900,	*Randolph,*	Randolph.
McDonough, Frank Donovan,	*Charlestown,*	284 Bunker Hill St., Ch's'n.
McMurray, Albert Thompson,	*Fredericton, N. B.*	Harv. Dn. School.
Meagher, William Joseph,	*Mattapan,*	Mattapan.
O'Connor, Edward,	*E. Cambridge,*	96 Gore St., E. Camb.

* Addresses are in Boston unless stated to be elsewhere.

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Parker, Austin Hall,	*Brookline*,	46 Vernon St., B'kline.
Peterson, Frederick Capen,	*E. Boston*,	44 Princeton St., E. Boston.
Pope, Clinton Mayberry,	*Roxbury*,	119 Devonshire St.
Pressey, Mark Bailey,	*Hammonton, N. J.*	Harv. Dn. School.
Robinson, Rudolphus Henry,	*Charlestown*,	84 Cambridge St., Ch's'n.
Rogers, Joseph Moulton,	*Roxbury*,	21 Linwood St., Roxbury.
Rogers, William Burton,	*Boston*,	Hoffman House.
Ross, Hubert Washington,	*New Haven, Conn.*	1556 Cambridge St., Camb.
Russell, John Henry,	*Providence, R.I.*	50 Chapin Ave., Providence, R.I.
Simpson, Frank Packard,	*Brunswick, Me.*	123 W. Newton St.
Stone, Harry Austin,	*Somerville*,	7 Wellington Ave., Somer.
Sumner, Richard Addison,	*Providence, R.I.*	Hoffman House.
Toohey, Thomas,	*Cambridge*,	109 Antrim St., Cambridge.
Travis, Frank Edgar,	*Holliston*,	Holliston.
Twichell, Charles Lincoln,	*Athol*,	13 Sunnyside St., Jam. Pl.
Weston, William Harry,	*Providence, R.I.*	133 Bellevue Ave., Prov., R.I.
Williams, Aubrey Albuoy,	*Gloucester*,	469 Broadway, Cambridge.
Williams, Clinton Nickerson,	*Providence, R. I.*	420 Mass. Ave.
Wilson, Thomas William Lee, M.A.C.D. (*Australian Coll. Dentistry*) 1901,	*Melbourne, Australia*,	61 West Cedar St.
Wright, George Henry,	*Cambridge*,	P. 88, Cambridge.

SECOND YEAR.

Andrzejewski, Stefan,	*Ostrowo, Germany*,	26 Isabella St.
Calusdian, Charles Henry,	*Jamaica Plain*,	326 Centre St., Jam. Pl.
Carter, Charles Douglas,	*Southington, Conn.*	6 Yarmouth St.
Carter, Raymond Boynton,	*Pepperell*,	Pepperell.
Caswell, Ernest Herbert,	*Fitchburg*,	Bournewood, Brookline.
Clark, Harry Sylvester, B.S. (*Dartmouth Coll.*) 1901,	*Randolph, Vt.*	379 Columbus Ave.
Cummings, Earle Clinton,	*Portland, Me.*	152 Mass. Ave.
Eames, Frank Leroy,	*West Upton*,	28 Mellen St., Cambridge.
Estes, Nathan Anthony,	*Leicester*,	59 Pinckney St.
Hamilton, William Sharpe,	*Ware*,	183 Warren Ave.
Haynes, James Chester,	*Roxbury*,	10 Herman St., Roxbury.
Isles, George White,	*Roxbury*,	27 Guild Row, Roxbury.
Knowlton, Clifton Eugene,	*Worcester*,	1134 Mass. Ave., Camb.
Lawton, Leon Julius,	*Providence, R.I.*	59 Pinckney St.
Miner, Leroy Matthew Simpson,	*Chicago, Ill.*	12 Upham Ave., Dor.
Morgan, Blaine Wilcox,	*Malden*,	591 Salem St., Malden.
Newman, Frank Arthur,	*Everett*,	36 School St., Everett.

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Otis, Melville Neal,	*Providence, R.I.*	461 Mass. Ave.
Perkins, Alton Flagg,	*Brockton,*	21 Highland St., Brockton.
Quintero, Manuel Justo, A.B. (*Univ. of Lyons, France*) 1900,	*Lyons, France,*	56 W. Cedar St.
Ritter, William, Jr.	*Chicopee,*	109 Summer St., Somer.
Russell, Ubert Clifton,	*Fitchburg,*	Beacon Chambers.
Stone, Lester Ashton,	*Fitchburg,*	Beacon Chambers.
Tishler, Benjamin,	*Boston,*	238 W. Canton St.
Witham, Byron Clarke,	*Cumberland Mills, Me.*	119 Summer St., Somer.
Wyman, Eugene Barry,	*Sebec, Me.*	17 Chauncy St., Cambridge.

FIRST YEAR.

Aldrich, Harry Wadsworth,	*Worcester,*	15 Warren Ave.
Catheron, Robert Scott,	*Grafton, N.S.*	Needham, Mass.
Collins, Robert Glendinning,	*Bridgeport, Conn.*	15 Allston St.
Emmons, Harold Leonard,	*Saco, Me.*	24 Waverley St., Everett.
Furbish, John Arthur, A.B. (*Bowdoin Coll.*) 1902,	*Brunswick, Me.*	183 Warren Ave.
Gilpatric, William Henry,	*Plymouth, N.H.*	1697 Cambridge St., Camb.
Grastorf, John Charles,	*Wellsville, N.Y.*	405 Broadway, Chelsea.
Greenwell, George Steven Smith, M.H.A.C. (*Hawksbury Agric. Coll., Richmond, N.S. Wales*) 1885,	*Sydney, Australia,*	357 Columbus Ave.
Greenwell, Howard Robinson,	*Sydney, Australia,*	357 Columbus Ave.
Haines, Robert Montgomery,	*Quincy,*	235 Grove St., Melrose.
House, Albert Ivanhoe,	*So. Framingham,*	4 Marlborough St.
Kahn, Herman Eli,	*Leadville, Colo.*	152 Mass. Ave.
Kazanjian, Varaztad Honhaness,	*Sinas, Turkey,*	15 Highl'd P'k Ave., Rox.
Leavitt, Philip Amos,	*Saco, Me.*	58 Pinckney St.
Mathers, Howard,	*Newport, R.I.*	487 Mass. Ave.
Mendel, Raymond Irving,	*Louisville, Ky.*	C't 34, Cambridge.
Merrill, Albert Alexander,	*Halifax, N.S.*	Beacon Chambers.
McKenzie, Charles,	*E. Boston,*	37 W. Eagle St., E. Boston.
McManus, Terence Benson,	*Boston,*	670 Washington St.
Mock, Charles Whiting,	*Boston,*	80 Paul Gore St.
Morrison, George Smythe,	*Brookline,*	15 Thayer Pl., Brookline.
Multer, Virgilo,	*Marlboro,*	62 Newton St., Marlboro.
Norwood, Harold Bradshaw,	*Beverly,*	108 Mt. Vernon St.
O'Connell, John William,	*Wakefield,*	12 Emerald St., Wakefield.
O'Connor, Joseph Francis,	*E. Cambridge,*	96 Gore St., E. Camb.

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Packard, Abner Beale,	*Quincy*,	60 Elm St., Quincy.
Parker, Newell Oscar,	*Beachmont*,	Endicott Ave., Beachmont.
Perry, William Horace,	*W. Somerville*,	103 College Ave., W. Somer.
Phelps, William Davies,	*Cambridge*,	988 Mass. Ave., Camb.
Phillips, Francis Henry,	*Springfield*,	Harv. Dn. School.
Provan, Walter Fairfield,	*Dorchester*,	24 Monadnock St., Dor.
Reed, Charles Henry,	*No. Attleboro*,	374 Columbus Ave.
Ryder, William Vernon,	*Everett*,	48 Shute St., Everett.
Smith, Otis Shaw,	*Malden*,	27 Garland Ave., Malden.
Stanhope, William Edward,	*Newport, R.I.*	487 Mass. Ave.
Stevens, Charles Edward,	*Brookline*,	16 Columbia St., Brookline.
Stuhl, Frank,	*Haspelscheid, Lorraine, Ger.*	827 Broadway, So. Boston.
Thomas, Charles Melville,	*Malden*,	Holmes St., Malden.
Turner, Edgar Allan,	*Boston*,	201 Clarendon St.
Triggs, Clinton Frank,	*Cambridge*,	1039 Mass. Ave., Camb.
Waggoner, John Newell,	*Jerseyville, Ill.*	99 Charles St.
Weinz, Willis Henry,	*Roxbury*,	24 Akron St., Rox.
Wing, Abner Toothaker,	*Everett*,	464A Broadway, Everett.
White, Harry Samuel,	*Boston*,	26 Binney St.

SUMMARY.

Post-Graduates	2
Third Year Students	40
Second Year Students	26
First Year Students	44
Total	112

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THE BUSSEY INSTITUTION.

NAME.	HOME RESIDENCE.	PRESENT ADDRESS.
Aldrich, Raymond Woodberry,	*Woburn*,	W. 1.
Bullard, Lawrence, A.B. 1901,	*Roxbury*,	10 Oxford St.
Chandler, James Mitchell,	*Jamaica Plain*,	93 Forest Hills St.*
Chandler, Peleg Whitman,	*Jamaica Plain*,	93 Forest Hills St.*
Clarke, Daniel Allen, A.B. (*Brown Univ.*) 1901,	*Fiskeville, R. I.*	C. 29.
Cleaves, William Shepley,	*W. Rindge, N.H.*	287 Pearl St.
Colburn, Clarence Coit,	*Clinton*,	24 Tower St.*
Colton, Lewis Kimball,	*Winthrop*,	C't 7.
Cone, George Carroll,	*Watertown*,	Watertown.
Cross, Enrique,	*Matamoros, Mexico*,	234 W. Newton St.*
Cross, Juan Samuel,	*Matamoros, Mexico*,	234 W. Newton St.*
Cushman, Edward Wesley,	*Scituate*,	Scituate.
Dix, Irving Wesley,	*Ashland*,	Medford.
Donoghue, Patrick Joseph,	*Boston*,	617 Harrison Ave.*
Ernst, Lawrence Theodore,	*Jamaica Plain*,	173 Lamartine St.*
Fowler, James Nathaniel,	*Roslindale*,	820 South St., Roslindale.*
Hayden, Irwin,	*Winthrop*,	Winthrop.
Hayward, Julian Franklin,	*Quincy*,	83 Morton St.*
Hunt, Edward Turell,	*Cohasset*,	Cohasset.
Kelley, John Bartram,	*Chicago, Ill.*	29 Seaverns Ave.*
Macomber, Leonard,	*Newton Centre*,	Newton Centre.
Neil, Frederick,	*Dorchester*,	501 West Park St.*
Nichols, Joshua Ward,	*Danvers*,	Hathorne.
Parker, Stanley Brampton,	*Cambridge*,	86 Buckingham St.
Rand, Harry Seaton, A.B. 1880,	*Cambridge*,	1899 Mass. Ave.
Saltus, Rollin Sanford, A.B. (*Trinity Coll., Conn.*) 1892,	*Cambridge*,	Harvard Union.
Shedd, Albert Edward,	*New Boston, N.H.*	95 Hancock St., Somerville.
Takaki, Shin-Ichi,	*Tokyo, Japan*,	29 Sacramento St.
Takvorian, Bedros Hagop,	*Armenia*,	42 Thayer St.*
Turner, Chester Bidwell,	*Boston*,	6 Wayne St.*
Welch, Hamilton Wilson,	*Egypt*,	Egypt.
Wesson, Francis Herbert,	*Springfield*,	Everett 37.
White, Hunter Carson, Jr., A.B. (*Brown Univ.*) 1901,	*Providence, R.I.*	83 Morton St.*

* Addresses followed by an asterisk (*) are in Boston; all others are in Cambridge unless otherwise stated.

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THE SUMMER SCHOOLS.

1902.

THE SUMMER SCHOOL OF THE FACULTY OF ARTS AND SCIENCES.

GREEK FOR BEGINNERS.

Griswold, Ellen Chase, A.B. (*Radcliffe Coll.*), *Assistant, Girls' Latin School*,	Boston.
Paslay, Miriam Greene, A.B. (*Mississippi Coll. for Women*), *Professor, Mississippi College for Women*,	Columbus, Miss.
Pfeiffer, George J., PH.D. (*Zurich*),	Watertown.
Robertson, Agnes May, *Student*,	Arlington.
Scott, Mary Louise, *Teacher, High School*,	Marietta, O.
Sessions, Catherine Drummond, L.B. (*Smith Coll.*), *Assistant Teacher, High School*,	Uxbridge.
Shaw, Edith Roswell, *Teacher, High School*,	Paterson, N.J.
Whittaker, Stella Elizabeth, PD.B. (*State Normal Coll., Albany*), *Teacher, Lansingburg High School, Troy, N. Y.*	Hoosick Falls, N.Y.

LATIN FOR TEACHERS.

Brown, Helen Thornton, A.B. (*Pennsylvania Coll. for Women*), *Teacher, High School*,	Mansfield, O.
Conant, Virginia Amanda, *Teacher*,	Waban.
Cutler, Nathaniel Abalino, A.B. (*Amherst Coll.*), *Principal, High School*,	Norwood.
Fairfax, May Cecelia, *Teacher, Private School*,	New York, N.Y.
Garrett, Margaret, *Teacher, High School*,	Baltimore, Md.
Hoyt, James Taylor, A.M. (*Union Coll.*), LL.B. (*Albany Law School*), *Lawyer*,	New York, N.Y.
Keeley, Peter Paul, *Student*,	Providence, R.I.
Kingman, Frederic William, *Superintendent of Schools, Barnstable*,	Hyannis.
Logan, Mary Collins, A.B. (*Syracuse Univ.*), *Teacher, High School*,	Lyons, N.Y.

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Montague, Helen, *Teacher, Morse School*, Cambridge.
Morgan, Agnes, *Teacher, Normal and Industrial School for Girls*, Milledgeville, Ga.
Nelson, Thomas Kinloch, *Teacher, Episcopal High School*, Alexandria, Va.
Parker, Horatio Perkins, A.B. (*Bates Coll.*), *Principal, Chatham High School*, Greene, Me.
Potter, Mary, *Teacher*, Great Barrington.
Rohrbacher, Mabel Belle, *Teacher, City Schools*, Wabash, Ind.
Swiney, Carolyn Marie, S.B. (*Middlebury Coll.*), *Teacher, High School*, Holyoke.

ENGLISH.

English Composition *A*.

Barnes, Matilda Josephine, *Teacher, Grammar School*, Brooklyn, N.Y.
Bishop, Florria Melvina, A.B. (*Wesleyan Female Coll.*), *Teacher, Maine Central Institute, Pittsfield, Me.* Leeds Centre, Me.
Bowtell, Jennie Grace, *Teacher, Training Department, Normal College*, New York, N.Y.
Bray, Nellie Rebecca, *Teacher, Public School*, Somerville.
Burns, Stella, *Teacher, Primary*, Washington, Pa.
Carpentier, Léontine Laure, *Teacher, Public Schools*, New York, N.Y.
Compton, Minnie Estelle, *Teacher, Public Schools*, Washington, D.C.
Cosby, Sallie Hardaway, *Principal, Private School*, Lynchburg, Va.
Cross, Kate Annelia, A.B. (*Ottawa Univ., Kan.*), *Teacher, High School*, Chanute, Kan.
Davis, Adelaide, *Principal, Matthew G. Emery School*, Washington, D.C.
Des Marais, Marie de l'Etoile, Boston.
Diggs, Celesta Lee, *Teacher, Public School*, Baltimore, Md.
Dix, Martha M., *Teacher, Newton High School*, W. Newton.
Dougherty, M. A., *Student*, Cambridge.
Freyhold, Flora, *Teacher, Public Schools*, Washington, D.C.
Geeson, Albert Barrot, *Student*, Quincy.
Gentry, Harry Shupert, *Student*, Cincinnati, O.
Gray, Josephine Le Berta, *Primary Teacher, Public Schools*, Washington, D.C.
Green, Edith, *Teacher, Public Schools*, Houston, Tex.
Hebberd, John Bailey, *Teacher, Grammar School, No. Hanover*, So. Boston.
Hollis, Keitha K., *Teacher*, Kansas City, Mo.

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Jenks, Edwin Munroe, *Student*,	Albany, N.Y.
John, Paula, *Teacher*, *Miss Beard's School*,	Orange, N.J.
Jones, Olivia Mary, *Teacher*, *Public School No. 77*,	New York, N.Y.
Joslin, Alice Clara, *Teacher*, *Graded Schools*,	Westerly, R.I.
King, Katharine Louise, *Teacher*, *Elementary School*, *Boston*,	Roxbury.
King, Marion Elizabeth, *Student*,	Chelsea.
Marchant, Mary, *Principal*, *Wethersfield Avenue School*,	Hartford, Conn.
Mattison, Lucile Spann, L.I. (*Peabody Normal School*, *Nashville*, *Tenn.*), *Teacher*,	Leesville, S. C.
Merrill, John Clifton, *Instructor*, *Manor School*, *Stamford*, *Conn.*	Salem.
Mills, Joseph, A.B. (*University of New Brunswick*), *Principal*, *Charlotte Street School*,	Fredericton, N. B.
Mixer, Maude Minnie, *Teacher*, *Grammar School*,	Somerville.
Morse, Etta D., *Kindergartner*, *Boston Schools*,	So. Boston.
Pimper, Cora Henrietta, *Teacher*, *Public Schools*,	Washington, D. C.
Price, Kathryn Wastella, *Teacher*, *Public School No. 72*,	New York, N.Y.
Quinn, James Michael, *Student*,	So. Boston.
Rakemann, Amelia, *Teacher*, *Primary Grade*,	Washington, D. C.
Rupp, Henrietta Virginia, *Teacher*, *High School*,	York, Pa.
Schaper, Emma Ida, *Teacher*, *Grammar School*,	St. Louis, Mo.
Schneucker, Elizabeth Salome, *Principal*, *Albany Street School*,	Schenectady, N.Y.
Shannon, Edgar Finley, B.A. (*Central Univ. of Kentucky*), *Associate Professor*, *University of Arkansas*,	Fayetteville, Ark.
Shulenberger, Arthur Lee, A.B. (*Franklin and Marshall Coll.*), *Teacher*, *York* (*Penn.*,) *High School*,	Shippensburg, Pa.
Smith, Eleanora Armania, *Teacher*, *Boston Public Schools*,	Roxbury.
Stowe, Mary Elizabeth, A.B. (*Mt. Holyoke Coll.*), *Teacher*, *Hensinger School*, *New York City*,	Scitico, Conn.
Tuttle, Edith May, *Teacher*, *Paterson Academy*,	Paterson, N. J.
Walsh, Mary A., *Principal*, *Union School*, *Youngstown*, *N. Y.*	N. Tonawanda, N.Y.
Watkins, Susan Congdon, *Teacher*, *Public School*,	Aberdeen, Miss.
Whitehead, Florence, *Teacher*, *Public Schools*,	Savannah, Ga.
Wiley, Kate Ellis, *Assistant Teacher*, *High School*, *Newtonville*,	Danvers.

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ENGLISH COMPOSITION *B.*

Bergman, Mary Anna, *First Assistant, Public School No. 1*,	Manhattan, N.Y.
Bodenstein, Clarence Henry, *Teacher, Public Schools, New York City*,	Arlington.
Bomar, Nell Converse, L.B. (*Converse Coll.*), *Teacher, Public Schools*,	Spartanburg, S. C.
Booth, Mary Irene, *Teacher, Public School*,	New York, N.Y.
Carleton, Gertrude Willard, *Principal, Hancock School, Lexington*,	Rowley.
Clements, Caroline, *Student*,	Glasgow, Ky.
Comee, Anna Maria, *Teacher, Miss Dana's School, Morristown, N. J.*	Barre.
Dashiell, Caroline Hull, *Teacher, Public Schools*,	Baltimore, Md.
Davis, Esther Virginia, *Teacher, Kenderton Grammar School*,	Philadelphia, Pa.
Eaton, Annie Cerlinda, *Student*,	Burlington, Vt.
Gere, Lovisa Brewster, A.B. (*Wellesley Coll.*), *Preceptress, High School, Walton, N. Y.*	Fulton, N.Y.
Glover, Lena Alice, A.B. (*Boston Univ.*), *Teacher, Salem High School*,	Danvers.
Hickman, Cornelia, *Teacher*,	Kansas City, Mo.
Holton, Susan May, L.B. (*Smith Coll.*), *Teacher, Bartholomew-Clifton School*,	Cincinnati, O.
Little, Florence Estelle, *Illustrator, Designer, and Writer*,	Cleveland, O.
Lockhart, James Bothwell, A.B. (*Univ. of Georgia*), *Instructor, Academy, Richmond County, Ga.*	Augusta, Ga.
Lovejoy, Sara Cutts, A.B. (*Mt. Holyoke Coll.*), *Teacher, National Cathedral School, Washington, D. C.*	York Corner, Me.
McReynolds, Edith, A.B. (*Univ. of Cincinnati*), *Teacher, High School, Home City, O.*	Cincinnati, O.
Merrill, Elizabeth, A.B. (*Univ. of Cincinnati*), *Principal, High School, Home City, O.*	Cincinnati, O.
Nash, Katherine Sarah, *Teacher, Shurtleff School*,	So. Boston.
Nason, Arthur Huntington, A.B. (*Bowdoin Coll.*), *Teacher, Wm. Penn Charter School, Philadelphia, Pa.*	Augusta, Me.
Orth, Mary Catherine, *Teacher, High School*,	Harrisburg, Pa.
Owen, Edwin Bentley, B.S. (*N. C. Coll. of Agri. and Mech. Arts*), *Instructor, N. C. College of Agriculture and Mechanic Arts*,	West Raleigh, N. C.

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Porter, Mary Louise, *Teacher, Red Hill School,*	Summerville, S. C.
Reynolds, Sophie Susan, M.L. (*Alfred Univ.*), *Instructor, Alfred University,*	Alfred, N.Y.
Roe, Annabel Catharine, A.B. (*Mt. Holyoke Coll.*), *Assistant, High School, Upton,*	Ashland.
Ross, Elsie May, *Teacher, Public School,*	Ipswich.
Rowe, Florence Edna, A.M. (*Univ. of Texas*), *Assistant Teacher, High School,*	Dallas, Tex.
Tourison, Margueretta King, *Tutor and Student,*	Philadelphia, Pa.
Van Allen, Eleanor, *Teacher, Female Academy,*	Albany, N.Y.

ENGLISH COMPOSITION *C.*

Clark, Charles Motley, A.B. (*Harvard Univ.*),	Philadelphia, Pa.
Cook, Sherwin Lawrence, *Journalist,*	Roxbury.
Elder, Frances Margaret, *Teacher, Portland, Me.*	Deering Centre, Me.
Hard, Helen Leonia, *Teacher, Central High School,*	Detroit, Mich.
Plumb, Helen Ada, *Student, Hearer, Bryn Mawr College, Bryn Mawr, Pa.*	Detroit, Mich.

ANGLO-SAXON.

Beverley, Clara, *Teacher, Central High School,*	Detroit, Mich.
Bowen, John Thomas, A.B. (*Emory Coll.*), *President, Roanoke Normal College,*	Cambridge.
Carpenter, Nancy Jennette, A.B., A.M. (*Cornell Coll., Ia.*), *Assistant Professor, Iowa State Normal School,*	Cedar Falls, Ia.
Diserens, Alma, A.B. (*Cincinnati Univ.*),	Cincinnati, O.
Harris, Thomas H., *Student,*	Baton Rouge, La.
Lockwood, Francis Cummins, A.B. (*Baker Univ.*),	Meadville, Pa.
Rosenberg, Rosalie, *Private Teacher,*	New York, N.Y.

SHAKSPERE.

Broadhurst, Thomas W.	New York, N.Y.
Burleson, David Sinclair, A.M. (*Milligan Coll.*), *Principal, Language Department, State Normal College,*	Florence, Ala.
Corbin, Frances Amelia, L.B. (*Ohio Wesleyan Univ.*), *Professor, University of Montana,*	Missoula, Mont.
Ely, Mary, *Trained Nurse,*	Cambridge.
Evans, Edwin Barlow, A.B. (*Univ. of Wooster*), *Instructor, University of Oklahoma,*	Norman, Okla.
George, Imogen, *Teacher, Western High School,*	Baltimore, Md.

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Gilfether, Agnes Gertrude, *Assistant, High School*, So. Boston.
Hickman, Cornelia, *Teacher*, Kansas City, Mo.
Kelley, Nellie Genevieve, *Teacher, Boston*, E. Dedham.
Lovejoy, Sara Cutts, A.B. (*Mt. Holyoke Coll.*), *Teacher, National Cathedral School, Washington, D.C.* York Corner, Me.
Lyons, Sarah Anna, *Teacher, Boston*, E. Dedham.
MacNary, Alice Beckwith, *Teacher, Public School No. 25*, Brooklyn, N.Y.
Mawson, Charlotte Leona, *Preceptress, High School, Whitney Point, N.Y.* Cazenovia, N.Y.
Merlyn, Iva Harkinson, New York, N.Y.
Orr, Pauline VandeGraaff, *Teacher of English, Mississippi College for Women*, Columbus, Miss.
Parmelee, Mary Louise, L.B. (*Syracuse Univ.*), Syracuse, N.Y.
Plumb, Helen Ada, *Student, Hearer, Bryn Mawr College, Bryn Mawr, Pa.* Detroit, Mich.
Rosenberg, Rosalie, *Private Teacher*, New York, N.Y.
Settle, Ambrose Porter, *Professor of English, State Normal School*, Kirksville, Mo.
Thomas, Mary Roenah, *Teacher, Hancock School, Boston*, Roxbury.
Wiley, Katherine Ellis, *Assistant Teacher, Newton High School*, Danvers.
Wilson, Eugenia Shields, L.I. (*Peabody Normal Coll.*), *Teacher*, Fayetteville, Tenn.

Eighteenth Century Literature.

Bidleman, Jennie Elizabeth, *Teacher, State Industrial School*, Rochester, N.Y.
Bowen, Herbert Ashley, *Lawyer*, Lynn.
Carleton, Gertrude Willard, *Principal, Hancock School, Lexington*, Rowley.
Chadbourne, Ellen Gwendolen, *Teacher, Public Schools*, Cleveland, O.
Cook, Sherwin Lawrence, *Journalist*, Roxbury.
Gere, Lovisa Brewster, A.B. (*Wellesley Coll.*), *Preceptress, High School, Walton, N.Y.* Fulton, N.Y.
Jenks, Edwin Munroe, *Student*, Albany, N.Y.
Jones, Olivia Mary, *Teacher, Public School No. 77*, New York, N.Y.
King, Anna, *Teacher, Eighth Grade*, Leavenworth, Kan.
Long, Jessie Anna, *Teacher, High School*, Sandusky, O.
Morse, Etta D., *Kindergartner*, So. Boston.

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O'Nan, Idalia Vassalis, *Principal, Private School*, Bagdad, Ky.
Orth, Mary Catherine, *Teacher, High School*, Harrisburg, Pa.
Peebles, Rose Jeffries, A.B. (*Mississippi Coll. for Women*), *Professor, Mississippi College for Women, Columbus, Miss.* Birmingham, Ala.
Robinson, Luella Barber, *Preceptress, High School*, Clyde, N.Y.
Shannon, Edgar Finley, A.B. (*Central Univ. of Kentucky*), *Associate Professor*, Fayetteville, Ark.
Watson, Jessie Kittredge, Brooklyn, N.Y.

ENGLISH LITERATURE IN OUTLINE.

Barr, Agnes Paterson, *Teacher, High School*, Evanston, Ill.
Black, Anna Elizabeth, Washington, D. C.
Bloomfield, Sadie Palmer, Boston.
Boyd, Marie Elizabeth, *School of Expression, Boston*, Charleston, S. C.
Brawley, Benjamin Griffith, A.B. (*Atlanta Baptist Coll.*), *Instructor, Atlanta Baptist College*, Atlanta, Ga.
Fisher, Georgiana Olivia, *Assistant, Public Library*, Salem.
Foote, Amy Lee, B.L. (*Univ. of Cincinnati*), *Teacher, High School, Hartwell, O.* Cincinnati, O.
George, Imogen, *Teacher, Western High School*, Baltimore, Md.
Gilfether, Agnes Gertrude, *Assistant, High School*, So. Boston.
Hoagland, Merica, *Library Organizer of Indiana, Public Library Commission*, Indianapolis, Ind.
Locke, Charles Warren, A.B. (*Harvard Univ.*), *Teacher, Hill School, Pottstown, Pa.* Cambridge.
Loveland, Helen Isabella, A.B. (*Smith Coll.*) *Preceptress, Morningside College, Sioux City, Ia.* Syracuse, N.Y.
Mapes, Ella Stryker, *Writer*, New York, N.Y.
Mitchell, Mary Graham, *Teacher, Public Schools*, Williamsport, Pa.
Murray, Eva Sloan, *Student*, Anderson, S. C.
Osgood, Mrs. George L. Brookline.
Post, Myra McPherson, B.L. (*Univ. of Michigan*), *Teacher, University School*, Detroit, Mich.
Snow, Myrtie Belle, *Assistant, High School*, Bridgewater.
Thompson, James Neville, A.B. (*Oxford, England*), *Assistant Teacher, Concord School*, Concord.
Vanderbilt, Harold Moody, *Student*, New York, N.Y.
Wurzburger, Julie, A.B. (*Columbia Univ.*), *Assistant Teacher, Ethical Culture High School*, New York, N.Y.
Youngman, Harriet Esther, *Teacher, Public Schools*, Williamsport, Pa.

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PUBLIC SPEAKING AND READING.

Voice Cultivation.

Appell, Daisy Rosalie, *Teacher*,	New York, N.Y.
Blair, Mary Pierpont, *Teacher, Roberts School*,	Cambridge.
Bowen, Herbert Ashley, *Lawyer*,	Lynn.
Carpentier, Léontine Laure, *Teacher, Public Schools*,	New York, N.Y.
Grover, Chester M., A.B. (*Amherst Coll.*), *Instructor, Central High School*,	Springfield.
Higgins, James, *Student*,	Cambridge.
Jamieson, William Henry, L.B. (*Wisconsin Univ.*), *Principal, High School, Grand Rapids, Wis.*	Shullsburg, Wis.
Perkins, John Forbes, A.B. (*Harvard Univ.*), *Student*,	Milton.
Scovell, Clinton Homer, *Student*,	Manchester, N.H.
Stowe, Mary Elizabeth, A.B. (*Mt. Holyoke Coll.*), *Teacher, Hensinger School, New York City*,	Scitico, Conn.
Towne, Orwell Bradley, A.B. (*Williams Coll.*), *Instructor, Washburn College*,	Saratoga, N.Y.
Wilbor, Elizabeth Grinnell, *Teacher*,	Brookline.
Woodman, Francis Call, A.B. (*Harvard Univ.*), *Associate Principal, Morristown School*,	Morristown, N.J.

Speaking and Reading.

Appell, Daisy Rosalie, *Teacher*,	New York, N.Y.
Blair, Mary Pierpont, *Teacher, Roberts School*,	Cambridge.
Grover, Chester Metcalf, A.B. (*Amherst Coll.*), *Instructor, Central High School*,	Springfield.
Higgins, James, *Student*,	Cambridge.
Jamieson, William Henry, L.B. (*Wisconsin Univ.*), *Principal, High School, Grand Rapids, Wis.*	Shullsburg, Wis.
Perkins, John Forbes, A.B. (*Harvard Univ.*), *Law Student*,	Milton.
Scovell, Clinton Homer, *Student*,	Manchester, N.H.
Towne, Orwell Bradley, A.B. (*Williams Coll.*), *Instructor, Washburn College*,	Saratoga, N.Y.
Wellman, Melissa S., *Teacher, Brick Church Institute*,	Rochester, N.Y.
Wilbor, Elizabeth Grinnell, *Teacher*,	Brookline.
Woodman, Francis Call, A.B. (*Harvard Univ.*), *Associate Principal, Morristown School*,	Morristown, N.J.

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GERMAN FOR TEACHERS.

Berg, Abraham John, *Student*,	Cambridge.
Cross, Tom Peete, A.B., S.B. (*Hampden-Sidney Coll., Va.*), *Instructor*, *Norfolk Male Academy*,	Norfolk, Va.
Daniels, Martha Esther, *Teacher*, *Public Schools*,	Somerville.
Douglass, Arthur Sylvester, *Student*,	Auburndale.
Eaton, James Haworth, *Student*,	Burlington, Vt.
Fanning, Marshall Bryant, A.B. (*Harvard Univ.*), *Teacher*, *Volkmann School*, *Boston*,	Cambridge.
Foster, Mabel, *Student*,	Roxbury.
Franklin, Agatha, *Teacher*, *Private School*,	Cincinnati, O.
Hartmann, Eleanor Mary, A.L.C.M. (*Coll. of Music, London, England*), *Teacher*, *Swarthmore College Preparatory School*,	Swarthmore, Pa.
Knapp, Abbie R.	Washington, D.C.
Lorch, Hermine,	Detroit, Mich.
Oehme, Eugenie Martha, *Principal*, *Grammar School*, *Cranston*, *R. I.*	Worcester.
Palmer, Edna Louise, L.B. (*Smith Coll.*), *Teacher*, *High School*,	Wallingford, Conn.
Petheram, Anna Grace, *Preceptress*, *High School*, *Warren*, *Pa.*	Skaneateles, N.Y.
Raynor, Anne Washington, *Teacher*, *Presbyterian College*, *Columbia*, *S.C.*	Sag Harbor, N.Y
Silsby, Alma Frances, A.B. (*Radcliffe Coll.*), *Teacher*, *High School*, *East Boston*,	Cambridge.
Silsby, Elizabeth Agnes,	Cambridge.
Stieg, Mary Sophia, *Teacher*, *High School*,	York, Pa.
Wallace, Elsie Barnes, *Teacher*, *Girard Avenue Friends' School*,	Philadelphia, Pa.

FRENCH.

Cross, Tom Peete, A.B., S.B. (*Hampden-Sidney Coll., Va.*), *Instructor*, *Norfolk Male Academy*,	Norfolk, Va.
Davies, Hadgie Booker, A.B. (*Univ. of Arkansas*), *Adjunct Professor*, *University of Arkansas*,	Fayetteville, Ark.
Farnham, Carrie Evangeline, *Teacher*, *South School*,	Beverly.
Kenty, Cora Mabel, A.B. (*Boston Univ.*), *Assistant*, *Holliston High School*, *Holliston*,	No. Woburn.
Livingston, Mary Frances, *Teacher*, *New Bedford*,	Needham.
McGaffin, Helen, *Teacher*, *Northfield Seminary*,	E. Northfield.
Montague, George Alfred, *Student*,	Boston.

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Sargent, Alice Plummer, *Teacher*, Plymouth, N. H.
Snell, Marie Malvina, Amsterdam, N.Y.
Taylor, Minnie Louise, *Teacher, High School*, Summit, N. J.
Thatcher, Martha Columbia, *Assistant Teacher, High School*, Williamsport, Pa.
Tracy, Elizabeth Jeannette, *Teacher, Public School*, New York, N.Y.
Winchester, Henrietta, *Assistant, Oliver Ames High School, North Easton*, Lawrence.

SPANISH.

Boyd, Mary Ellen, Boston.
Farnham, Carrie Evangeline, *Teacher, South School*, Beverly.
Herbrick, Josephine, *Teacher, Intermediate*, Cincinnati, O.
Hull, Mary Louise, *Private Teacher*, Albany, N.Y.
McMahon, Ellen Agnes, *Teacher, Lincoln School*, So. Boston.
Pfeiffer, Mrs. Rachael Hartwell, S.B. (*Wellesley Coll.*), Watertown.

MEDIAEVAL AND MODERN HISTORY.

Brittain, Isabel E., A.B. (*McGill Univ.*), *Teacher, Girls' High School*, Montreal, Canada.
Cate, William Ervin, A.B. (*Harvard Univ.*), *Principal, Leicester Academy*, Leicester.
Dorchester, Delia De'Ette, *Teacher and Principal, Great Falls, Mont.* Dexter, N.Y.
Hawkes, Caira Douglass, A.B. (*Boston Univ.*), *Teacher, High School, Vergennes, Vt.* Cambridge.
Jenkins, Tennessee, A.B. (*Carson and Newman Coll.*), *Teacher of History, Carson and Newman College*, Jefferson City, Tenn.
Vaughn, Blanche, *Superintendent of Schools, Portland, Mich.* Ionia, Mich.
Walker, Alice Jennie, A.B. (*Mt. Holyoke Coll.*), *Teacher, Hensinger School, New York City*, Stafford Springs, Conn.

ENGLISH HISTORY.

Cassidy, Elizabeth, S.B. (*Kentucky State Coll.*), *Teacher, Dudley High School*, Lexington, Ky.
Hibbard, Rachel, A.B. (*Radcliffe Coll.*), *Teacher, Girton School for Girls, Winnetka, Ill.* So. Windham, Me.
McMath, Alma Laura, *Teacher, High School*, Rochester, N.Y.
O'Nan, Idalia Vassalis, *Principal, Private School*, Bagdad, Ky.

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Potter, Mary, *Teacher*, Great Barrington.
Price, William Gibbons, *Principal, Gloucester Agricultural and Industrial Institute*, Cappahosic, Va.
Vickery, Mabel Slade, *Principal, Latin School*, Chicago, Ill.

AMERICAN HISTORY.

Asher, Walter Simpson, A.B. (*Northwestern Univ.*), *Teacher, New Trier Township High School*, Winnetka, Ill.
Bartlett, Millie Horton, *Head of Department, Grammar School No. 75*, Brooklyn, N.Y.
Brochhausen, Anna Mary, *Supervising Principal, Public School*, Indianapolis, Ind.
Cummings, Allen Curtis, A.M. (*Dartmouth Coll.*), *Principal, High School, Ayer*, No. Thetford, Vt.
Harden, Mary Frances Sarah, A.B. (*Royal Univ. of Ireland*), *Teacher, Bishop Gray's School*, Orlando, Fla.
Hawes, Julia May, *Teacher, High School*, Watkins, N.Y.
Hawes, Martha Jane, *Teacher*, E. Weymouth.
King, Joseph Wood, S.B., S.M. (*A. P. I. of Auburn, Ala.*), *Teacher*, Cusseta, Ga.
Kinsley, Lucinda R., *Teacher, Forest Hills Primary School, Boston*, Dorchester.
Lakin, Mary Nickerson, PH.B. (*Univ. of Chicago*), *Teacher, High School*, Topeka, Kans.
Levy, Ella, M.E. (*Normal School, Lock Haven*), *Teacher, High School, Bellefonte, Pa.* Milesburg, Pa.
MacBrayne, Daisy Beatrice, *Teacher, Varnum Grammar School*, Lowell.
McCarthy, Mary Agnes, PD.M. (*New York Univ.*), *Teacher, Elementary School No. 86*, New York, N.Y.
McNally, Lulu, *Teacher, Public School*, Washington, D.C.
Murch, Marietta Shackford, *First Assistant, Mather School, Dorchester*, Roxbury.
Orr, Ella S., *Assistant Principal, High School*, Butte, Mont.
Peckham, Mae Bemus, *Teacher, Spelman Seminary*, Atlanta, Ga.
Ross, Adam Franklin, Cortland, N.Y.
Smith, Francis Abner, A.B. (*Colgate Univ.*), *Principal, High School*, Grafton.
Stone, Mary E., *Teacher, Training School*, Jersey City, N.J.
Tyzzer, George Alfred, A.B. (*Brown Univ.*), *Submaster, Dwight Grammar School, Boston*, Roslindale.
Vaughn, Gertrude Lucil, *Teacher, Public Schools, Grand Rapids, Mich.* Ionia, Mich.

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Wilson, Wealtha Ann, *Assistant Principal, Public School No. 45*, Indianapolis, Ind.
Wingate, Mary Jane, *Teacher, Union School*, Schenectady, N.Y.

CIVIL GOVERNMENT.

Bigler, John Fremont, A.M. (*Grove City Coll.*), *Principal, State Normal School, 12th District*, Edinboro, Pa.
Johnson, Carman Cover, A.B. (*Juniata Coll.*), *Teacher, Registrar, Charge of Department of History, Juniata College*, Huntingdon, Pa.
MacFall, Mary Katharine, *Teacher, Grammar School, New York City*, Dover, N.J.
Winkler, Helen, Cincinnati, O.

PSYCHOLOGY.

LECTURES.

Ayer, James Bourne, Jr., *Student*, Boston.
Clendenning, Mabel Chase, A.B. (*Univ. of Pennsylvania*), *Teacher, Seminary, Ogontz, Pa.* Ashbourne, Pa.
De Vinné, Anna Augusta, *Teacher, Elementary School*, New York, N.Y.
Foster, Jeannette, *Teacher, Grammar School*, Cranford, N.J.
Griswold, Clifford Standish, A.B. (*Trinity Coll.*), *Master in Science, Groton School*, Groton.
Hamilton, Gordon, A.M. (*Rust Univ.*), *Medical Student*, San Francisco, Cal.
McDonald, Henry Temple, A.M. (*Hillsdale Coll.*), *President, Storer College*, Harper's Ferry, W. Va.
Stockwell, John Wesley, Jr., *Student*, Philadelphia, Pa.
Summers, May A., *Student*, New York, N.Y.

LABORATORY.

Ayer, James Bourne, Jr., *Student*, Boston.
Clendenning, Mabel Chase, A.B. (*Univ. of Pennsylvania*), *Teacher, Seminary, Ogontz, Pa.* Ashbourne, Pa.
Foster, Jeannette, *Teacher, Grammar School*, Cranford, N.J.
Griswold, Clifford Standish, A.B. (*Trinity Coll.*), *Master in Science, Groton School*, Groton.
Hamilton, Gordon, A.M. (*Rust Univ.*), *Medical Student*, San Francisco, Cal.
McDonald, Henry Temple, A.M. (*Hillsdale Coll.*), *President, Storer College*, Harper's Ferry, W. Va.

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EDUCATION.

Principles, Etc.

Bailey, Ethel May, *Student*,	Washington, D.C.
Baish, Henry Huston, A.B. (*Lebanon Valley Coll.*), *Principal, Garfield Schools*,	Altoona, Pa.
Baker, Ellen Lucy, A.M. (*Alfred Univ.*), *Teacher, High School*,	Olean, N.Y.
Beers, Oda, *Principal*,	Cleveland, O.
Bernd, Florence, A.B. (*Vassar Coll.*), *Teacher, Gresham High School*,	Macon, Ga.
Brown, Frederic Nelson, A.B. (*Harvard Univ.*), *Principal, High School, Merchantville, N. J.*	Charlestown.
Campbell, Bessie Morris, *Teacher, Grammar School*,	City Island, N.Y.
Carter, Harriet I., *Instructor, High School*,	Hornellsville, N.Y.
Clay, Charles Leonidas, A.M. (*Colby Coll.*), *Superintendent of Schools*,	Harvard.
Coffin, Ernest Albert, A.B. (*Univ. of Toronto*),	E. Boston.
Coggins, William Leslie, *Teacher*,	So. Hancock, Me.
Collister, Harrison Fuller, *Principal, High School*,	Macedon, N.Y.
Dunning, Elizabeth Roe, A.B. (*Vassar Coll.*), *Principal Teacher, Pennsylvania Institution for the Instruction of the Blind*,	Philadelphia, Pa.
Ellett, Virginia Randolph, *Head Mistress, Miss Ellett's School for Girls*,	Richmond, Va.
Fairfax, Mary Cecelia, *Teacher, Private School*,	New York, N.Y.
Fisher, Ethel D., A.B. (*Boston Univ.*), *Assistant, High School, North Chelmsford*,	Chelsea.
Fuller, Robert Warren, A.B., A.M. (*Harvard Univ.*), *Instructor, De Witt Clinton High School*,	New York, N.Y.
Griffin, Alice Gertrude, *Student*,	West Newton.
Hart, Charles, *Teacher, Business High School*,	Washington, D. C.
Howland, Edith Archer, A.B. (*Wellesley Coll.*), *Teacher, Central Grammar School, New Britain, Conn.*	Cambridge.
Jackson, A. Davis, S.B. (*Swarthmore Coll.*), *Principal, Friends' Academy, Locust Valley, N. Y.*	Nine Points, Pa.
Keeley, Peter Paul, *Student*,	Providence, R. I.
Lobban, James Andrew, A.M. (*Harvard Univ.*), *Principal, Peters High School, Southborough*,	Milton.
Meyer, Winifred, A.B. (*Wellesley Coll.*), *Teacher, Wright-Humason School*,	New York, N.Y.

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Moore, Charles William, A.B. (*Alfred Univ.*), *Assistant Principal, New York City*, Brooklyn, N.Y.
Murray, James Lewis, A.B. (*Fisk Univ.*), *Principal, Normal School*, Albany, Ga.
Noyes, Charles Hermon, L.B. (*Dartmouth Coll.*), *Submaster, High School*, Nashua, N. H.
Powers, Lillian Irene, *Student, Adelphi College*, Brooklyn, N.Y.
Rickert, Edwin Lehman, A.B. (*Univ. of Wooster*), *Principal, Public Schools, Lowellville, O.* Columbiana, O.
Sackett, Clara Bates, *Teacher, O. S. Knapp School*, Somerville.
Scannell, John Francis, *Principal, Grammar School*, Naugatuck, Conn.
Severance, Walter Edwin, A.B., A.M. (*Harvard Univ.*), *Principal, High School*, Braintree.
Silberberg, Betty, *Teacher, Public Schools*, New York, N.Y.
Stewart, Harold James, A.B. (*Harvard Univ.*), *Instructor, Bordentown Military Institute, Bordentown, N. J.* Melrose Highlands.
Synnestvedt, Homer, A.B., B.TH. (*Academy of the New Church*), *Principal, New Church School*, Bryn Athyn, Pa.
Taaffe, Elizabeth Frances, *Teacher, Newton*, West Newton.
Tracy, John Joseph, *Teacher, La Salle Academy*, Providence, R. I.
Tuttle, Edith May, *Teacher, Paterson Academy*, Paterson, N. J.
Walsh, Elizabeth Blanchard, *Supervisor of Primary Work*, Louisville, Ky.
Webster, Laura Angeline, A.B. (*Smith Coll.*), *Student, Training School for Deaconesses, New York City*, Waltham.
Wilkins, Marion Helen, *Teacher*, Trinidad, Colo.
Williams, Leroy Everett, A.B. (*Bates Coll.*), *Principal, High School, Dennysville, Me.* Bowdoinham, Me.
Wilson, James Fyffe, A.B. (*Leland Stanford Univ.*), *Instructor, De Witt Clinton High School*, New York, N.Y.
Winn, Philip Byrd, B.S., C.E. (*National Normal Univ.*), *President, Le Vert College*, Talbotton, Ga.
Woodman, Francis Call, A.B. (*Harvard Univ.*), *Associate Principal, Morristown School*, Morristown, N.J.

History.

Baker, Mary Elizabeth, *Primary Teacher, High School*, Macedon, N.Y.
Bernd, Florence, A.B. (*Vassar Coll.*), *Teacher, Gresham High School*, Macon, Ga.

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Carter, Harriet Irene, *Instructor, High School*, Hornellsville, N.Y.
Crumrine, Luceola, A.M. (*Waynesburg Coll.*), *Student*, Pittsburg, Pa.
Fuller, Robert Warren, A.B., A.M. (*Harvard Univ.*), *Instructor, De Witt Clinton High School*, New York, N.Y.
Powers, Lillian Irene, *Student, Adelphi College*, Brooklyn, N.Y.
Severance, Walter Edwin, A.B., A.M. (*Harvard Univ.*), *Principal, High School*, Braintree.
Synnestvedt, Homer, A.B., B.TH. (*Academy of New Church*), *Principal, New Church School*, Bryn Athyn, Pa.
Tracy, John Joseph, *Teacher, La Salle Academy*, Providence, R.I.
Wilson, James Fyffe, A.B. (*Leland Stanford Univ.*), *Instructor, De Witt Clinton High School*, New York, N.Y.

ORGANIZATION, ETC.

Baish, Henry Huston, A.B. (*Lebanon Valley Coll.*), *Principal, Garfield Schools*, Altoona, Pa.
Brown, Frederic Nelson, A.B. (*Harvard Univ.*), *Principal, High School, Merchantville, N. J.* Charlestown.
Cutts, Charles William, A.B. (*Bates Coll.*), *Principal, High School*, Merrimac.
Galger, George Homer, *Principal, Grammar School, North Abington*, Roxbury.
Gardner, Emelyn Elizabeth, A.B. (*Univ. of Chicago*), *Teacher, Superintendent of Schools*, Geneva, Ill.
Hart, Charles, *Teacher, Business High School*, Washington, D.C.
Jackson, A. Davis, S.B. (*Swarthmore Coll.*), *Principal, Friends' Academy, Locust Valley, N. Y.* Nine Points, Pa.
Larrabee, George Howard, A.M. (*Bowdoin Coll.*), *Principal, Lincoln Academy*, Newcastle, Me.
Locke, William Ware, S.B. (*Worcester Polytechnic*), B.D. (*Harvard Univ.*), *Teacher, Dedham, Superintendent, Helen Weld House*, Jamaica Plain.
Mason, Wallace Edward, A.B. (*Bowdoin Coll.*), *Principal, High School*, Leominster.
Murray, James Lewis, A.B. (*Fisk Univ.*), *Principal, Normal School*, Albany, Ga.
Noyes, Charles Hermon, B.L. (*Dartmouth Coll.*), *Submaster, High School*, Nashua, N.H.
Savage, Harry Harper, PH.B. (*Univ. of Iowa*), M.DI. (*I. S. N. S.*), *Superintendent, Public Schools*, Denison, Ia.
Scannell, John Francis, *Principal, Grammar School*, Naugatuck, Conn.
Williams, Leroy Everett, A.B. (*Bates Coll.*), *Principal, High School, Dennysville, Me.* Bowdoinham, Me.

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THEORY OF DESIGN.

Aborn, Frank, S.B. (*Worcester Polytechnic*), *Supervisor of Drawing, Public Schools*,	Cleveland, O.
Alcott, Mary Hunt, *Teacher*,	Cambridge.
Andrews, John Winthrop, *Student*,	Newtonville.
Barnes, Sarah, *Student*,	Boston.
Bedlow, Lucy Crosby, *Supervisor of Drawing, New Bedford*,	Portland, Me.
Bellows, Ellen Derby,	Boston.
Blake, Annie Eliza, *Teacher*,	Arlington.
Brown, Ethel Isadore, *Teacher, St. Agnes School*,	Albany, N.Y.
Brown, Harold Haven, *Instructor, High School of Commerce, New York City*,	Orange, N. J.
Brown, Lucy Cora,	Concord.
Buckingham, Elizabeth, *Director of Drawing, Nashua, N. H.*	Lexington.
Bunker, Eva Eldora, *Supervisor of Drawing*,	Durham, N. H.
Carroll, Howard Hastings, S.B. (*Harvard Univ.*),	West Newton.
Clark, John Spencer, *Student*,	Boston.
Crabtree, Katharine Maria, *Teacher*,	Burlington, Vt.
Cushing, Kate Wiley, *Assistant, East Boston High School*,	Cambridge.
Davis, Eleanor Whitney,	Cambridge.
Davis, Helen Gertrude, *Teacher, Phillips School, Boston*,	Roxbury.
Day, Harriet Maud, *Supervisor of Drawing, Winthrop*,	E. Boston.
Dearborn, Lillian May, *Supervisor of Drawing, Quincy*,	Everett.
Delavigne, Marie Odile, *Teacher*,	New Orleans, La.
Dresser, Jean Paul, *Student*,	Yarmouth, Me.
Dunn, Harvey Hopkins, *Industrial Art School*,	Philadelphia, Pa.
Edwards, William Joseph, *Supervisor of Drawing*,	Malden.
Folsom, Catharine Elizabeth, *Worker in Metals and Enamels*,	Winchester.
Freeman, Grace Julia, *Teacher, Boston Public Schools*,	Roslindale.
Furlong, Charles Wellington, *Instructor, Cornell University, N. Y.*	Ithaca, N.Y.
Gallardo, Carlos, *Student*,	Cambridge.
Goodison, Bertha, *Instructor, State Normal College*,	Ypsilanti, Mich.
Gove, Mercy Blanchard, *Supervisor of Music and Drawing, Monticello, Minn.*	Red Wing, Minn.

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Greeley, Archer Rawson, *Supervisor of Drawing, Millbury and Dudley*,	Webster.
Grothusen, Gertrude,	Boston.
Hartwell, Josephine Lillian, *Teacher, William Penn Charter School*,	Philadelphia, Pa.
Hoâ-LeBlanc, Emilie Marie, *Supervisor of Drawing, Public Schools*,	New Orleans, La.
Hoâ-LeBlanc, Marie, *Pottery Designer, Newcomb College*,	New Orleans, La.
Hood, Harriet Monks, *Supervisor of Drawing and Writing, Westerly, R. I.*	Somerville.
Isaniniger, Mary Flora, *Supervisor of Drawing, High School*,	Wilmington, Del.
Jackson, Louise Williams, *Artist*,	Cambridge.
Jackson, Robert Fuller, *Student*,	Brookline.
Kelsey, Leilla A., *Supervisor of Drawing*,	Watertown, N.Y.
Ketcham, Mary, L.B. (*Ohio Wesleyan Univ.*), *Instructor in Design, Syracuse University*,	Ossining, N.Y.
Laing, Minerva Abigail, *Teacher, State Normal School at Hyannis*,	Hyannis.
Lavers, Mary Elizabeth, *Supervisor of Drawing, Woonsocket, R. I.*	Quincy.
Luce, Maria Huxford, *Painter*,	Auburn, N.Y.
McLean, Lillian Edith,	Newton.
McMillan, Margaret,	Minneapolis, Minn.
Maeder, Anna Margaret, *Assistant in Drawing Department*,	Buffalo, N.Y.
Marple, Marcia Tracy, *Teacher, Putnam School, E. Cambridge*,	Wollaston Heights.
Mason, Mary Lee, *Teacher, High School*,	Scranton, Pa.
Maxedon, Elizabeth Jane, *Supervisor of Drawing*,	Crawfordsville, Ind.
Mickel, Sarah Adelaide, *Teacher, Bradley Polytechnic Institute, Peoria, Ill.*	Berlin, Wis.
Morrison, Dora, *Student*,	Jamaica Plain.
Morse, Kate, *Teacher, Art School, Norwich, Conn.*	Brookline.
Neall, Margaret Acton, *Student*,	Philadelphia, Pa.
Newhall, Harriot Bennett, *Designer, Teacher, Miss Ingol's School, Cambridge, Miss Winsor's, Boston*,	W. Newton.
Nye, Emma Hintz, *Supervisor of Drawing, Public Schools*,	Yonkers, N.Y.
Ormsby, Blanche Lilian, *Teacher, Phillips Brooks School*,	Boston.

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Patrick, Mary Light, *Supervisor of Drawing, Somerville*,	Newtonville.
Patterson, Angelica Schuyler, *Artist*,	Boston.
Pitfield, Elizabeth, *Art Student*,	Philadelphia, Pa.
Potter, Mary Evelyn, *Teacher, Public Schools*,	Northboro.
Rand, Amy Carol, *Designer*,	Watertown.
Rheinlander, Olive Elizabeth, *Art Teacher, St. Faith's School, Saratoga Springs, N. Y.*	Glens Falls, N.Y.
Sargent, Elisa Anne, *Editorial Department of The Prang Educational Company*,	Boston.
Schwartz, Alfred William, *Art Student*,	Roxborough, Pa.
Schwind, Anna Marie, *Teacher of Needlework*,	Everett.
Scofield, Margaret Scott, *Primary Teacher, Central High School*,	Shreveport, La.
Selleck, Roda E., *Art Department, Shortridge High School*,	Indianapolis, Ind.
Siebert, Annie Ware Sabine, A.B., A.M. (*Ohio State Univ.*), S.B. (*Mass. Inst. Tech.*),	Columbus, O.
Simpson, Hattie May, *Teacher, Prince School, Boston*,	Cambridge.
Smith, Gertrude Roberts, *Professor, Newcomb College*,	New Orleans, La.
Sterling, Margaret Elizabeth, *Supervisor of Drawing, Schenectady, N. Y.*	Frankfort, N.Y.
Taylor, Emily Marcia, *Student*,	Martinez, Cal.
Thurlow, Harold Andrews, *Student*,	Newburyport.
Tucker, Daisy Ella, *Teacher*,	Watertown, N.Y.
Upton, Louise, *Teacher, Mountain Seminary, Birmingham, Pa.*	Worcester.
Varnum, William Harrison, *Instructor, Rindge Manual Training School*,	Cambridge.
Walker, Edgar Thomas Philip, *Student*,	Somerville.
Whelden, Elizabeth, *Student*,	Newton.
Worden, Sara Agnes, *Teacher*,	New York, N.Y.

FREEHAND DRAWING.

Beach, Sarah Elizabeth, *Tutor, Normal College*,	New York, N.Y.
Cushing, Mabel Meserve,	Roxbury.
Dunham, Alice Cushing,	Roxbury.
Gaskill, Margaret, *Assistant Teacher, E. K. Kane School*,	Philadelphia, Pa.
Potter, Helen Dale, *Student*,	Orwell, N.Y.

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MUSIC.

Principles.

Reilly, Marcella, *Head of Department of Music, Normal School*, Chicago, Ill.
White, Margaret Cecilia, *Teacher and Principal, Music School*, Yonkers, N.Y.

General Course.

Blair, Elizabeth Everett, *Assistant Supervisor of Music, Public Schools*, New York, N.Y.
Reilly, Marcella, *Head of Department of Music, Normal School*, Chicago, Ill.
White, Margaret Cecilia, *Teacher and Principal, Music School*, Yonkers, N.Y.

MATHEMATICS.

Advanced Algebra.

Brown, Katharyn Lord, *Teacher, Public School*, Ipswich.
Cook, Stanley Edward, *Student*, Roxbury.
Dennis, Bertha Elizabeth, *Primary Teacher, Benjamin Cushing School, Dorchester*, Milton.
Hemphill, Lucy, *Teacher, Public School*, W. Middletown, Pa.
Hollahan, Margaret Louise, *Assistant Principal, Wyoming School*, Dayton, O.
Hoxton, Archibald Robinson, A.B. (*Univ. of Virginia*), *Teacher, Episcopal High School*, Alexandria, Va.
Jackson, George, S.B. (*Univ. of Cincinnati*), *Instructor, Asheville School*, Asheville, N.C.
Kelly, John Vincent, *Student*, Newton.
Knowles, Chilson Williston, *Student*, Newtonville.
Lane, James Frank, A.B. (*Walden Univ.*), *Instructor, Lane College*, Jackson, Tenn.
Marvin, Joseph Edward, *Student*, Bridgeport, Conn
Maskell, Blanche Maria, *Student*, Newton.
O'Connor, Nellie Melvina, *Vice-Principal, Elementary School*, Baltimore, Md.
Olive, George Scott, *Student*, Indianapolis, Ind.
Smith, Harriet Kimball, *Teacher, The Morris High School*, New York, N.Y.
Watson, Forbes, *Student*, Cambridge.

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Solid Geometry.

Abell, Belle, S.B. (*Univ. of Nashville*), *Assistant, Mississippi Industrial Institute and College*,	Columbus, Miss.
Brownson, Roswell Roberts, *Student*,	Yonkers, N.Y.
Chadbourne, Waldemar Arens, *Student*,	Houghton, Mich.
Clark, Austin Hobart, *Student*,	Manchester.
Darling, Philip Grenville, A.B. (*Harvard Univ.*), *Student*,	Somerville.
Haley, Henry Thomas, *Student*,	Roslindale.
Hardenbergh, Henry, *Student*,	No. Adams.
Hazlett, James Howard, *Student*,	Cambridge.
Heinfelden, Curt Herman Garfield, *Student*,	Belleville, Ill.
Johnson, Jasper Nichols, *Student*,	Concord, N.H.
Little, Edward Revere, *Student*,	Brookline.
McCartney, William Singerly, *Student*,	Philadelphia, Pa.
Marvin, Joseph Edward, *Student*,	Bridgeport, Conn.
Morton, Jesse Whitman, *Student*,	Boston.
Percival, Lawrence French, *Student*,	Boston.
Phemister, Norman Andrew, *Student*,	W. Medford.
Plumb, Ethel, *Student*,	Detroit, Mich.
Watson, Forbes, *Student*,	Cambridge.
Webber, Philip Rockwood, *Student*,	Winchester.

Plane Trigonometry.

Beane, Arthur Enoch, *Student*,	Cambridge.
Brooks, James Hambleton, *Student*,	Chicago, Ill.
Chandler, Eugene, *Student*,	Cambridge.
Collister, Eugene Everett, PH.B. (*Illinois Wesleyan Univ.*), *Principal, High School*,	Webster, N.Y.
Foote, Leon Russel, L.B. (*Ottawa Univ., Ottawa, Kan.*), *Teacher, State School of Mines*,	Butte, Mont.
Scott, John Alfred, *Student*,	Roxbury.
Smith, Harriet Kimball, *Teacher, The Morris High School*,	New York, N.Y.
Stevens, Horace Paine, *Student*,	Cambridge.
Wood, Edward Leander, Jr., *Student*,	Manchester.

Plane Analytic Geometry.

Cannon, George Curtis, *Student*,	New York, N.Y.
Coleman, Harold, *Student*,	Hingham.
Darling, Philip Grenville, A.B. (*Harvard Univ.*), *Student*,	Somerville.
Eldred, Arthur Gordon, *Student*,	Coronado Beach, Cal.

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Foote, Leon Russel, L.B. (*Ottawa Univ., Ottawa, Kan.*), *Teacher, State School of Mines,*	Butte, Mont.
Godfrey, Arthur Wilbur, *Student,*	Brookline.
Hardenbergh, Henry, *Student,*	No. Adams.
Huntress, George Lewis, Jr., *Student,*	Winchester.
Kimball, Bernard Marshall, *Student,*	Littleton.
Longacre, Ada, L.I. (*Univ. of Nashville*), *Lady Principal and Teacher, Southern Female* (*Cox*) *College,*	College Park, Ga.
McCartney, William Singerly, *Student,*	Philadelphia, Pa.
Machette, Helen, *Teacher, Public School,*	Philadelphia, Pa.
Rodman, Frank Clark, *Student,*	Boston.
Souther, Channing Weare, *Student,*	Jamaica Plain.
Souther, Dana Wheelock, *Student,*	Jamaica Plain.
Spaulding, Russell Harold, *Student,*	West Somerville.

CALCULUS.

Bullivant, Stanley Lodge, *Student,*	Marion.
Gray, Ella Durgin, A.B. (*Boston Univ.*), *Teacher, English High School,*	Somerville.
Levine, Joseph Malcolm, *Student,*	Boston.
Newhall, Francis Watriss, *Student,*	Jamaica Plain.
Palmer, Frederic, Jr., A.B. (*Harvard Univ.*), *Instructor, Worcester Academy, Worcester,*	Andover.
Sommerfeld, Augusta Henrietta,	Stapleton, S. I., N.Y.
Torossian, Mihran Garo, *Student,*	Cambridge.
Turner, William Payson, *Assistant Professor, Purdue University,*	La Fayette, Ind.
White, Marion Ballantyne, PH.B. (*Univ. of Michigan*), *Instructor, University of Illinois,*	Champaign, Ill.
Wood, Roy Eugene, *Student,*	Tufts College.

THE HISTORY AND TEACHING OF MATHEMATICS.

Bacon, Willard Henry, A.B. (*Brown Univ.*), *Principal, High School, Charlestown, N. H.*	Bellows Falls, Vt.
Clark, Jennie Mae, A.B. (*Wellesley Coll.*), *Teacher, Walton High School, New York,*	Rochester, N.Y.
Curtis, Rest Fenner, A.B. (*Harvard Univ.*), *Teacher, Mechanic Arts High School,*	Boston.
Foster, Florence Josephine, A.B. (*Vassar Coll.*), *Instructor, Putnam Hall School, Poughkeepsie, N. Y.*	Keene, N. H.

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Hoyt, Emily Caroline, A.M. (*Rutgers Female Coll.*), *Teacher, Gardner School*, New York, N.Y.
McFadden, Robert Nathaniel, *Teacher*, Boston, Pa.
Powell, Nellie Virginia, A.M. (*R. M. W. Coll.*), *Vice-Principal, Blackstone Institute, Blackstone, Va.* Woodview, Va.
Robinson, Eliza, S.B. (*Univ. of Wisconsin*), *Teacher, High School*, Duluth, Minn.
Seller, Bertha May, *Teacher, High School*, Woburn.
Wilkin, Josephine Dunlap, A.B. (*Smith Coll.*), *Head of Mathematical Department, High School*, Jamaica, N.Y.

SURVEYING.

Plane.

Crittenden, William Bentley, A.B. (*Oberlin Coll.*), *Teacher, Livingston College*, Salisbury, N. C.
Fox, Jesse William, S.M., *Instructor, Agricultural College*, Agricultural College, Miss.
Lindemann, Charles Arthur, A.B., A.M. (*Bucknell Univ.*), *Head of Mathematical Department, Union University, Richmond, Va.* East Norwalk, Conn.
Stoiber, Herbert Alfred, *Student*, Brooklyn, N.Y.
Truesdell, Waldo Bromley, A.B. (*Harvard Univ.*), *Instructor, Baptist College, Atlanta, Ga.* Holden.

Geodetic.

Lindemann, Charles Arthur, A.B., A.M. (*Bucknell Univ.*), *Head of Mathematical Department, Union University, Richmond, Va.* East Norwalk, Conn.

Railroad.

Lindemann, Charles Arthur, A.B., A.M. (*Bucknell Univ.*), *Head of Mathematical Department, Union University, Richmond, Va.* East Norwalk, Conn

SHOPWORK.

Chipping, Filing, and Fitting.

Taylor, John Wallace, *Student*, Oberlin, O.
Whitman, Walter George, A.B. (*Tufts Coll.*), *Submaster, Gloucester High School*, Norway, Me.

Blacksmithing.

Taylor, John Wallace, *Student*, Oberlin, O.

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PATTERN MAKING AND FOUNDRY PRACTICE.

Taylor, John Wallace, *Student*, Oberlin, O.

MACHINE-SHOP PRACTICE.

Palmer, Irving Ossian, A.B. (*Colby Coll.*), *Master, Newton High School*, Newtonville.
Taylor, John Wallace, *Student*, Oberlin, O.

ELEMENTARY PHYSICS.

Adams, Franklin Launcelot, A.B. (*Boston Univ.*), *Assistant Teacher, Edgartown High School*, Ashburnham.
Bailey, Edward Percy, A.B. (*Dartmouth Coll.*), *Teacher, High School, Wakefield*, Hinsdale, N.H.
Beach, Grace Bentley, M.S. (*New York Univ.*), *Tutor, Normal College*, New York, N.Y.
Bowers, Bessie Belle, A.B. (*Wellesley Coll.*), *Teacher, High School*, Montpelier, Vt.
Comins, Kate Margaret, *Teacher, Public Schools*, Portsmouth, O.
Crichlow, William Branker Shelby, S.B. (*Southern Normal School*), *Principal, Meux's Academy*, Bowling Green, Ky.
Crosby, Harriet Frances, A.B. (*Wellesley Coll.*), *Instructor, Watertown High School*, Wilton, N.H.
Curtis, Edmund de Forest, Philadelphia, Pa.
Driehaus, Irwin William, S.B. (*Univ. of Cincinnati*), *Teacher, Madisonville, O.* Cincinnati, O.
Flanigen, Anna Lockhart, Philadelphia, Pa.
French, Grace Preston, A.B. (*Wellesley Coll.*), *Teacher, High School*, Lexington.
Gibson, Alice Edith, A.B. (*Smith Coll.*) Jamaica Plain.
Guptill, Herbert Samuel, A.B. (*Bates Coll.*), *Teacher, Clark University, So. Atlanta, Ga.* Berwick, Me.
High, Morris DeTurk, A.B. (*Franklin and Marshall Coll.*), *Teacher, High School, Johnstown, Pa.* Oley, Pa.
Jacobson, Marcus Fridolf, *Student*, Cambridge.
Kenyon, Carrie Amelia, *Principal, Blakely Schools, Pa.* Olyphant, Pa.
Low, Grace Elizabeth, S.B. (*Mt. Holyoke Coll.*), *Teacher, Northbridge High School*, Whitinsville.
Mead, Lydia Abigail, A.B. (*Smith Coll.*), *Teacher, South Kingston High School, Peacedale, R.I.* Winchester.
Miller, Paul Morgan, A.B. (*De Pauw Univ.*), *Teacher, High School*, St. Louis, Mo.
Mitchell, Alexander Henry, A.B. (*Colby Coll.*), *Student*, Billerica.

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Owen, Robert Goldsborough, *Student*, Atlanta, Ga.
Pike, Fred Parker Hamilton, A.B. (*Colby Coll.*), *Teacher, Boys' Latin School, Baltimore, Md.* Boston.
Platt, Louise Bartlett, A.B. (*Vassar Coll.*), Poughkeepsie, N.Y.
Quackenbush, Harry Sargeant, Schenectady, N.Y.
Rand, Roland Bradbury, *Student*, Kendal Green.
Rich, Alpheus William, A.B. (*Bates Coll.*), *Teacher, Highland Military Academy, Worcester*, Charleston, Me.
Rowley, Hannah Teresa, A.B. (*Bryn Mawr Coll.*), *Teacher, Miss Darlington's School for Girls, Uniontown, Pa.* Philadelphia, Pa.
Walbridge, Mabel H., A.B. (*McGill Univ.*), Quebec, Can.
Winn, Bessie Simpson, *Student*, Talbotton, Ga.

ADVANCED PHYSICS.

Angier, Roswell Parker, A.B., A.M. (*Harvard Univ.*), *Student*, Cambridge.
Camirand, Antonio, *Teacher*, Quebec, Can.
Campbell, Leslie Lyle, M.A. (*Washington and Lee Univ.*), *Professor, Westminster College*, Fulton, Mo.
Cheney, Samuel Torrey Reed, A.B. (*Colgate Univ.*), *Teacher, Riverview Military Academy, Poughkeepsie, N. Y.* Jamaica, Vt.
Dann, Mary Eliza, *Teacher, Girls' High School, Brooklyn, N. Y.* Hempstead, L. I.
Davis, William Chalmers, *Principal, High School*, Norwood, N.Y.
Long, Joseph Abraham, *Student*, Cambridge.
Martin, Robert Thomas, *Teacher, Winchester School*, Toronto, Can.
Miller, Owen Orville, A.M. (*Harvard Univ.*), *Teacher, Mechanics Institute, Rochester, N. Y.* Maquoketa, Ia.
Philips, Walter Leighton, A.M. (*Lafayette Coll.*), *Teacher, Vice-Principal, High School*, West Chester, Pa.
Pike, Perry C., B.P. (*W. C. State Normal School, Pa.*), *Teacher, Friends' Academy, Locust Valley, N. Y.* Media, Pa.
Raymond, Emmons, *Student*, Boston.
Rexford, Clarence Earle, A.B. (*Williams Coll.*), *Teacher, Concord School*, Concord.
Webster, Edgar Huidekoper, *Professor of Physical Science, and Principal of Normal Department, Atlanta University*, Atlanta, Ga.
Williams, Susanna, PH.B. (*Washington Univ.*), *Instructor, High School*, Kirkwood, Mo.

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ELEMENTARY CHEMISTRY.

Bunker, Jane Graupner, *Student*,	New York, N.Y.
Darling, Harriet Lyman,	So. Boston.
Donahue, James Edward, PH.B. (*Univ. of Vermont*),	Essex Junction, Vt.
Head, Natt Samuel, *Student*,	Battle Lake, Minn.
Kelly, Edward Francis, *Student*,	Jamaica Plain.
Rocfort, Robert Adolph, S.B., *Teacher, High School*,	Trenton, N. J.
Sinnott, Alfred Arthur, A.B. (*Montreal, Can.*), D.C.L. (*Rome*), *Professor, St. Dunstan's College*,	[Island. Charlottetown, P. E.
Stavely, Margaret Cornell, *Teacher, Agnes Irwin School, Philadelphia, Pa.*	Lahaska, Pa.
Stone, Charles Henry, *Teacher, Goddard Seminary*,	Barre, Vt.
Taylor, Louise Hopkins,	East Boston.
Thomas, Joseph Willard, A.B. (*Wesleyan Coll.*), *Teacher, High School*,	West Springfield.
Thompson, Eugene Lloyd, *Student*,	Cambridge.

ADVANCED CHEMISTRY.

Cohn, Isidore, *Student*,	Baton Rouge, La.
Conover, Richard Stevens, Jr., *Teacher, St. Paul's School*,	Concord, N. H.
Cowan, Fred Herbert, A.B. (*Bowdoin Coll.*), *Sub-Principal, Cony High School*,	Augusta, Me.

ELEMENTARY BOTANY.

Aiken, James Hawley, S.B. (*Univ. of Vermont*), *Teacher, Troy Conference Academy, Poultney, Vt.*	Benson, Vt.
Appell, Eugenie Jeannette, *Assistant Teacher, Public School No. 43*,	New York, N.Y.
Chadbourne, Waldemar Arens, *Student*,	Houghton, Mich.
Cronk, Jeannette Melinda, *Teacher, Public Schools*,	Chicago, Ill.
Daniels, Lucy,	Grafton, Vt.
Davidson, Marion, *Student*,	Watertown.
Dean, Robert Augustus, *Student*,	Fall River.
Derby, Richard, *Student*,	New York, N.Y.
Foote, Amy Lee, L.B. (*Univ. of Cincinnati*), *Teacher, High School, Hartwell, O.*	Cincinnati, O.
Fosdick, Paulding, *Student*,	New York, N.Y.

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Freeman, Phebe Elizabeth, *Teacher, High School*,	Provincetown.
George, Ernest, *Student*,	Roxbury.
Healy, Myra Caroline, *Teacher, Primary School, Town of Union, N. J.*	New York, N.Y.
Hurd, James Daniel, Jr., *Student*,	Cambridge.
Kemp, John Otto, PH.G. (*Univ. of Texas*), *Demonstrator of Pharmacy, and Instructor in Vegetable Histology, University of Texas*,	Galveston, Tex.
Lang, Malcolm Burrage, *Student*,	Boston.
Manson, Vance Story, *Student*,	New York, N.Y.
Moore, Leslie Rogers, S.B. (*Mass. Inst. of Tech.*), *Instructor, Colby College, Waterville, Me.*	Newton.
Prey, Nina, *Teacher, Public Schools*,	Ponce, Porto Rico.
Read, Harold Wilson, *Student*,	Cambridge.
Silver, Amelia Dorothea, *Teacher, Public School No. 42*,	New York, N.Y.
Silvester, Margaret Genevieve, *Teacher, Washington Public Schools*,	College Park, Md.
Smith, Mary Shannon, *Student*,	Lee.
Wigglesworth, Norton, *Student*,	Manchester.

ADVANCED BOTANY.

Carret, Edna Phelps, *Teacher, Miss Bennett's School, Irvington-on-Hudson, N. Y.*	Roxbury.
Kammerer, Lulie Rachel, A.B. (*The Woman's Coll., Baltimore, Md.*), *Teacher of Natural Science, High School, Red Bank, N. J.*	Baltimore, Md.
Lane, Edwin Lawrence, *Student*,	Arlington.
Loew, Esther Dorothy, A.B. (*Normal Coll. of City of New York*), *Teacher, Public School No. 109*,	New York, N.Y.
Philips, Allena Ogden, M.E. (*West Chester State Normal*),	West Chester, Pa.
Stewart, Fred Crie, A.B. (*Oberlin Coll.*), *Principal of Lawrence High School*,	Falmouth.

ELEMENTARY GEOLOGY.

Angelis, Pascal de, *Student*,	Utica, N.Y.
Barbey, Pierre Lorillard, *Student*,	New York, N.Y.
Cudahy, Edward Ignatius, *Student*,	Chicago, Ill.
Fitzpatrick, Frank Richard, *Student*,	Arlington.
Fuller, Robert Gorham, *Student*,	Brookline.
Gladwin, Neonetta, *Teacher, Allen School*,	Akron, O.

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Hersam, Ernest A., S.B. (*Mass. Inst. of Tech.*), *Asst. Professor, Univ. of California*,	Berkeley, Cal.
Kennealy, Charles Ambrose, *Student*,	Boston.
Martin, Frederick Oskar, *Student*,	Washington, D. C.
Muir, Philip Howie, *Student*,	Cambridge.
Norton, Alice Luthera, *Teacher*,	Evanston, Ill.
Rees, Byron Johnson, *Student*,	Fall River.
Rice, Frederick Ellis, *Student*,	Brookline.
Rogers, Bertha May, *Teacher, Greenfield*,	Somerville.
Tompkins, Perry Thomas, B.L. (*Univ. of California*), *Head of Science Department, Lavell High School, California*,	Berkeley, Cal.
Wells, Helmus Button, *Student*,	Milwaukee, Wis.

GEOGRAPHY.

Aberle, Mary, *Teacher, High School*,	Mansfield, O.
Ahrens, Mina Christiana, *Teacher, Public School, Town of Union, N. J.*	Weehawken, N.J.
Andrews, Mary Anna, M.E. (*Normal School, Indiana, Pa.*), *Teacher, Public Schools*,	E. Liverpool, O.
Birtwell, Olivia Morton, B.DI. (*Iowa State Normal School*),	Albuquerque, N.M.
Brennan, Louise, *Teacher*,	Cambridge.
Brown, Martha Avery, S.B. (*Cornell Univ.*), *Teacher, High School*,	Aurora, Ill.
Cannon, George Lyman, *Teacher, High School*,	Denver, Colo.
Clem, Harry Milton, *Principal, Maysville High School, Assistant, Indiana State Normal School*,	Monroeville, Ind.
Fisher, Margaret Cornelia, *Teacher, Macedon High School*,	Palmyra, N.Y.
Goepper, Emma, *Primary Teacher, Public School No. 45*,	Indianapolis, Ind.
Goldrick, Kate Reynolds, *Teacher, Public School No. 45*,	Indianapolis, Ind.
Hollings, Charles Byam, *Student*.	Cambridge.
Jackson, Frederick Gray, *Student*,	Pride's Crossing.
Jacobson, John, PH.B. (*Beloit Coll.*), *Instructor, Northwest Division High School*,	Chicago, Ill.
Johnson, William Foy, *Principal, Cotuit Grammar School*,	Provincetown.
Kaighn, Raymond Pimlott, PH.B. (*Hamline Univ.*), *Teacher, Pratt Institute*,	Brooklyn, N.Y.
Koidzumi, Seizo, *Student*,	New York, N.Y.

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MacDonald, Charles Ambrose, *Student*,	Fall River.
Metcalf, Maud, A.B. (*Wellesley Coll.*), *Assistant Teacher, High School, Middletown, Conn.*	W. Roxbury.
Morse, Louis Theodore, *Principal, Slatersville Grammar School*,	W. Somerville.
O'Hair, Margaret Belle, *Teacher, Public School No. 45*,	Indianapolis, Ind.
Owens, George Albert, *Teacher, Grammar School No. 112*,	Baltimore, Md.
Parry, Kate Springer, *Teacher, Public School*,	Philadelphia, Pa.
Perkins, Edith Frances, *Teacher*,	Peabody.
Phillips, Winnifred Harriet, A.M. (*New York Univ.*), *Teacher, Normal College*,	New York, N.Y.
Roe, Abigail, *Critic Teacher, State Normal College*,	Ypsilanti, Mich.
Rogers, Raymon Weston, *Principal, North Andover*,	East Harwich.
Russell, Clara M., *Teacher, State Normal College*,	Albany, N.Y.
Schwarz, Edith Ewing, PH.B. (*Univ. of Chicago*),	Chicago, Ill.
Titcomb, Mary Pearson, *Principal, Bliss Corner School, So. Dartmouth*,	Boston.
Wingate, Nancy Ella, *Teacher, Public School No. 58, New York City*,	Ozone Park, N.Y.
Winship, Lawrence Tucker, *Student*,	Cambridge.
Woodward, Myra, *Teacher, Central High School*,	Shreveport, La.

PHYSICAL TRAINING.

Practice.

Amos, Josephine Rosalind, *Student*,	Cambridge.
Angell, Emmett D., *Physical Director, State Normal School, Plattsburgh, N.Y.*	Mooers, N.Y.
Baker, Agnes Winifred, *Teacher, Academy of the Assumption, Wellesley Hills*,	Boston.
Barry, Julia E., *Assistant Superintendent, State Reformatory for Women, New York*,	Albany, N.Y.
Bayly, Margaret, *Principal, Takoma School, Takoma, D. C.*	Washington, D. C.
Berryman, Clara Maud, *Associate Professor, Ohio State University, Columbus, O.*	Madison, Wis.
Bostwick, Grace Arria, *Student*,	Pittsburg, Pa.
Brooks, Ida Louise,	Worcester.
Brower, Josephine,	St. Cloud, Minn.
Burchenal, Elizabeth, B.L. (*Earlham Coll.*), *Physical Director, Women's Athletic Club*,	Chicago, Ill.

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Burdick, William, A.B. (*Brown Univ.*), *Physical Director, Young Men's Christian Association*, Newport, R. I.

Burkhardt, Carl Herman, *Physical Director, Young Men's Christian Association*, Wilmerding, Pa.

Burkhardt, Frederick William, *Physical Director, German Young Men's Christian Association*, Buffalo, N.Y.

Capen, Elwyn Winslow, M.D. (*Boston Univ.*), Stoughton.

Card, Wilbur Wade, A.B. (*Trinity Coll.*), *Physical Director, Trinity College*, Durham, N.C.

Clark, Abbie Louise, *Teacher, Public Schools*, Paterson, N.J.

Clark, Elizabeth Maud, *Physical Director, Young Women's Christian Association*, Bay City, Mich.

Clark, Mary George, *Instructor, Western Reserve University*, Boston.

Colburn, Bertha Louise, O.M. (*Emerson Coll. Oratory*), *Teacher, High School, Yonkers, N. Y.* Hollis, N.H.

Colby, Gertrude Kline, *Student*, Minneapolis, Minn.

Couch, Isabelle Caroline, *Teacher, Albany Female Academy*, Middletown, Conn.

Crowell, Annie Sturgis, *Physical Director, State Normal School, Hyannis*, So. Yarmouth.

Cumming, Alexander, PH.B. (*Univ. of Michigan*), *Attorney-at-Law*, Cambridge.

Cummings, W. S., M.D. (*Tufts Coll.*), *Physical Director, Swarthmore College*, Swarthmore Coll., Pa.

Davis, William Cole, *Student*, Rockbridge Baths, Va.

DeCost, Isaiah George, *Assistant Instructor, Cambridgeport Gymnasium*, Cambridge.

Denny, Florence Goff, *Physical Director, "Christian Home" School*, Council Bluffs, Ia.

Devennie, Mary, *Trained Nurse*, Philadelphia, Pa.

Donohoe, Florence Claire, *Student*, Lynn.

Doran, DeM., *Physical Director, Illinois School for Blind*, Jacksonville, Ill.

Dorman, Allison Rice, *Student*, Springfield.

Durr, Grace, *Physical Director, Public Schools*, Plymouth, Ind.

Ensworth, William H., M.D. (*Harvard Univ.*), *Physician*, E. Boston.

Eriksson, August Isidor, A.B. (*Tufts Coll.*), *Teacher, Allen School*, W. Newton.

Ewing, Martha Harding, *Teacher, Public School*, Moorestown, N.J.

Feagles, Samuel Smallwood, A.B. (*Princeton Univ.*), *Teacher, Hill School*, Pottstown, Pa.

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Fischer, Edna Salome, *Student*,	Cambridge.
Fish, Mary Coolidge, *Teacher*, *Woodward Institute*, *Quincy*,	Cambridge.
Fleming, Katharene Martina, *Teacher*, *Public School*,	Cohoes, N.Y.
Fotheringham, Elizabeth Robert,	Toronto, Can.
Furniss, Ida, *Assistant Instructor*, *University of Chicago*, *Chicago*, *Ill.*	Meriden, Conn.
Gilfillan, Elizabeth Riddle,	Washington, D.C.
Gilman, Susan Hoffman, *Physical Director*, *Misses Master's School*,	Dobb's Ferry, N.Y.
Grover, Archer Lewis, S.B. (*Univ. of Maine*), *Physical Director*, *University of Maine*, *Orono*, *Me.*	Bethel, Me.
Hadcock, Edith Anna,	Cambridge.
Hall, Mabel Coralie, F.C.M. (*Toronto, Ont.*), *Principal*, *Toronto School of Physical Culture and Expression*,	Toronto, Ont.
Hanna, Leo Gregory, *Assistant Physical Director*, *Brown University*,	Providence, R.I.
Hard, Helen Leonia, *Teacher*, *Detroit Central High School*,	Detroit, Mich.
Hastings, Phebe Daisy, *Teacher*, *Public Schools of Palmer*,	Palmer.
Herrick, Elizabeth, *Teacher*, *Pinkerton Academy*, *Derry*, *N. H.*	Cambridge.
Huegin, Gretchen, *Assistant Teacher*, *German American Institute and West Side Turner Hall*,	Milwaukee, Wis.
Hutchinson, Harriet Eliza, *Teacher*, *Charlestown High School*,	Boston.
Inokuchi, Akuri, *Instructor in Physical Training*, *Women's Higher Normal School*,	Tokio, Japan.
Knoop, William Theodore, A.B. (*Brown Univ.*), *Assistant Physical Instructor*, *Brown University*,	Providence, R. I.
Lane, John Aloysious, *Teacher*, *Noble and Greenough's School*,	Boston.
Lee, Emily Fisher, *Teacher*, *Principal Primary Grades*,	Bangor, Me.
Leiter, Rose, A.B. (*Oberlin*, *O.*), *Supervisor of Physical Training*, *Public Schools*,	Mansfield, O.
Lewis, Charles Bernard, *Assistant Physical Director*, *State Normal School*,	West Chester, Pa.
Lewis, Gertrude Prudence, *Teacher*, *Public School No. 19*, *New York City*,	Oxford, N.Y.

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Lewis, Philip Gustav, *Instructor, Epiphany Chapel Gymnasium*,	Philadelphia, Pa.
Littlejohn, Alice, *Student*,	Washington, D. C.
Locke, William Ware, S.B. (*Worcester Polytechnic*), D.B. (*Harvard Univ.*), *Teacher of Manual Training, Dedham, and Superintendent of Helen Weld House and Playground*,	Jamaica Plain.
Logan, Leila Ada, *Student*,	London, Ontario.
Logan, Nina Wynifred, *Student*,	London, Ontario.
Luce, Maria Huxford, *Painter*,	Auburn, N.Y.
Lufkin, Arizona, *Director of Physical Training, Normal University*,	Carbondale, Ill.
Lungren, Eleanor Shields, *Teacher, Philadelphia Normal School*,	Philadelphia, Pa.
Luscomb, Fanny C., *Private Teacher*,	Boston.
Lüttgen, Sophie Eunicia, *Director of Gymnastics, Virginia Female Institute, Staunton, Va.*	Meadville, Pa.
Lyon, Alice Jean, *Teacher, Central High School*,	Detroit, Mich.
McAteer, Myrtle June,	Wilkinsburg, Pa.
McCarthy, Daniel Joseph, *Assistant Instructor, St. Alphonsus Association*,	Boston.
McNally, Maybell Frances, *Teacher, Central Falls, R.I., and C. I. A. Institute*,	Central Falls, R.I.
Mason, John Leonard, *Assistant Physical Director, Lawrenceville School*,	Lawrenceville, N.J.
Merrill, Dora Ellen, A.B. (*Vassar Coll.*), *Assistant Director, Gymnasium, Kemper Hall, Kenosha, Wis.*	Brooklyn, N.Y.
Moakley, John F., *Trainer, Cornell University Athletic Association*,	Ithaca, N.Y.
Moodie, Edith Strickland, A.T.C.M. (*Con. of Music, Toronto, Ont.*),	Peterborough, Ont.
Mooers, Frances Adelaide,	Milwaukee, Wis.
Moore, George Colton, A.B. (*Yale Univ.*), M.D. (*Harvard Univ.*), *Instructor, Groton School, Groton*,	E. Hartland, Conn.
Murphy, Julia Anna, *Student*,	Charlestown.
Myers, Minnie Elizabeth, *Teacher, Grammar School*,	Youngstown, O.
Newton, Marie Isabelle, *Teacher of Elocution and Physical Culture, Washington Seminary, Washington, Pa.*	Boston.
Nicholson, Alice Valentine, *Teacher*,	Fall River.

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O'Connell, Helena, *Student*,	Allston.
Osborne, Alice, *Instructor, Teachers' College, New York, N. Y.*	Plainfield, N.J.
Otto, Lillia Belle, *Teacher, Public Schools*,	Baltimore, Md.
Palmer, Alice Smedley, A.B. (*Swarthmore Coll.*), *Principal, Friends' Seminary*,	New York, N.Y.
Peck, Edith, L.B. (*Univ. of Cincinnati*),	Cincinnati, O.
Plummer, Frederic Weston, A.M. (*Bates Coll.*), *Principal, Woodward Institute for Girls*,	Quincy.
Price, Carrie Steele, *Teacher, Gloucester High School*,	Cappahosic, Va.
Regan, Elizabeth, *Teacher, J. M. Aldrich School*,	Fall River.
Reynolds, Edward James, *Boys' Section, Young Men's Christian Association, Melrose*,	Wakefield.
Rice, Elizabeth McDowell, *Teacher, Pastorius School*,	Germantown, Pa.
Seikel, Hugo Bruno, *Assistant Instructor, Ladies' Newark Turn Verein.*	Newark, N. J.
Sheehan, Mary Josephine, *Teacher, St. Mary's Academy*,	Cambridge.
Sheerin, James, A.B. (*Columbia Univ.*), *Clergyman, St. James's Church*,	Cambridge.
Sheldon, Rowland Caldwell, *Teacher*,	New York, N.Y.
Sheppard, Elizabeth Padgett, *Teacher, Somerville High School, Somerville, N. J.*	Othello, N. J.
Shriner, Elmer S., B.E. (*Juniata Coll.*),	Lititz, Pa.
Slack, Marie Louise, *Student*,	St. Paul, Minn.
Smith, Mary Loretto, *Teacher, Public School*,	Buffalo, N.Y.
Somers, Jean Margaret, *Director, Young Women's Christian Association Gymnasium; Teacher, Normal and Model Schools*,	Toronto, Canada.
Spann, Carrie, *Teacher, Public Schools*,	Newark, N. J.
Suiter, Charles Edgar, *Physical Director, Western University of Pennsylvania*,	Allegheny, Pa.
Swain, Eleanor Louise,	Waltham.
Swan, Annie Louise Darling, *Director of Gymnasium, Tudor Hall for Girls, Indianapolis, Ind.*	Dorchester.
Tambling, Charles Finney, A.B. (*Oberlin Coll.*), *Assistant, Central State Normal*,	Mt. Pleasant, Mich.
Tenny, Arthur Edix, *Professor, Physical Director, Gloucester Athletic Club*,	Dorchester.
Tolman, Harriet Marguerite, *Teacher*,	Roxbury.
Upton, Louise, *Teacher, Mountain Seminary, Birmingham, Pa.*	Worcester.

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Wacker, Alma Henrietta, *Student*,	Columbus, O.
Wagner, Margaret Melvina, *Instructor, Wilson College*,	Chambersburg, Pa.
Wallace, Anna Eleanor, *Student*,	Providence, R.I.
Walter, Jeannette Brown, *Teacher, Public Schools*,	Philadelphia, Pa.
Walton, Florence Elizabeth, *Student and Teacher, Victoria University, Toronto, Teacher, Lindsay, Ont.*	Thorold, Ont.
Way, Abner P., S.B. (*Swarthmore College*), M.D. (*Habermann College*), *Physician*,	Atlantic City, N.J.
Weatherby, Grace Kingsley, *Teacher, Hackensack Public Schools*,	Hackensack, N.J.
Webber, Sarah Southworth, *Teacher, Director, Webber Gymnasium*,	W. Newton.
Wells, Elizabeth Fairfield, *Director, Miss Hall's School, Pittsfield*,	Cambridge.
Wentz, Etta Lansing, *Physical Director, Women's Gymnastic Club of Albany, Women's Monday Morning Gymnastic Class, St. Agnes School, Academy of the Sacred Heart*,	Albany, N.Y.
Wickliffe, Elizabeth, *Physical Training, Semple Collegiate School*,	Louisville, Ky.
Williams, Edyth Wynn, M.E. (*Millersville, Pa., State Normal*), M.O. (*Emerson College, Boston*), *Teacher, Cook Academy, Montour Falls, N. Y.*	Plymouth, Pa.
Wilson, James Fyffe, A.B. (*Leland Stanford Jr. Univ.*), *Instructor, De Witt Clinton High School*,	New York, N.Y.
Woll, Frederic Albert, *Physical Director, Southampton Gymnasium*,	[N.Y. Southampton, L.I.,
Wood, Helen Mabel, A.M. (*Syracuse Univ.*), *Department of Elocution, Central State Normal School, Lock Haven, Pa.*	Savannah, N.Y.
Wreyford, Constance Woodeson, *Assistant Principal, School of Physical Culture and Elocution*,	Toronto, Ont.
Yarnell, Jessie, A.B. (*Ellis Coll.*), *Student*,	Los Angeles, Cal.

THEORY.

Amos, Josephine Rosalind, *Washington Normal School*,	Cambridge.
Angell, Emmett D., *Physical Director, State Normal School, Plattsburgh, N. Y.*	Mooers, N.Y.
Atkins, Olive, *Teacher*,	Roselle Park, N. J.

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Barry, Julia E., *Assistant Superintendent, N. Y. S. Reformatory for Women, Bedford, N. Y.* — Albany, N.Y.
Berryman, Clara Maud, *Associate Professor, Director for Women, Ohio State Univ., Columbus, O.* — Madison, Wis.
Blauvelt, Cornelius D., M.E. (*Stevens Inst.*), *Student,* — Oradell, N. J.
Burchenal, Elizabeth, B.L. (*Earlham Coll.*), *Physical Director, Women's Athletic Club,* — Chicago, Ill.
Burdick, William, A.B. (*Brown Univ.*), *Physical Director, Young Men's Christian Association,* — Newport, R. I.
Capen, Elwyn Winslow, M.D. (*Boston Univ.*), — Stoughton.
Clark, Abbie Louise, *Teacher, Public Schools,* — Paterson, N. J.
Colburn, Bertha Louise, O.M. (*Emerson College of Oratory*), *Teacher, High School, Yonkers, N. Y.* — Hollis, N. H.
Colby, Gertrude Kline, *Student,* — Minneapolis, Minn.
Couch, Isadelle Caroline, *Teacher, Albany Female Academy,* — Middletown, Conn.
Crowell, Annie Sturgis, *Teacher, State Normal School, Hyannis,* — South Yarmouth.
Cummings, W. S., M.D. (*Tufts Coll.*), *Physical Director, Swarthmore College,* — Swarthmore Coll., Pa.
Davis, William Cole, *Student,* — Rockbridge Baths, Va.
DeCost, Isaiah George, *Assistant Instructor, Cambridgeport Gymnasium,* — Cambridge.
Denny, Florence Goff, *Physical Director, "Christian Home" School,* — Council Bluffs, Ia.
Devennie, Mary, *Trained Nurse,* — Philadelphia, Pa.
Donohoe, Florence Claire, *Student,* — Lynn.
Doran, DeM., *Physical Director, Illinois School for Blind,* — Jacksonville, Ill.
Dorman, Allison Rice, *Student,* — Springfield.
Durr, Grace, *Director of Physical Training, Public Schools,* — Plymouth, Ind.
Ensworth, William H., M.D. (*Harvard Univ.*), *Physician,* — E. Boston.
Feagles, Samuel Smallwood, A.B. (*Princeton Univ.*), *Teacher of Gymnastics, Hill School,* — Pottstown, Pa.
Fischer, Edna Salome, *Student,* — Cambridge.
Fish, Mary Coolidge, *Teacher, Woodward Institute, Quincy,* — Cambridge.
Fleming, Katharene Martina, *Teacher, Cohoes Public Schools,* — Cohoes, N.Y.
Fotheringham, Elizabeth Robb, — Toronto, Ont.
Gilfillan, Elizabeth Riddle, *Student,* — Washington, D.C.

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Gilman, Susan Hoffman, *Physical Director, The Misses Masters' School*, Dobb's Ferry, N.Y.
Grover, Archer Lewis, S.B. (*Univ. of Maine*), *Physical Director, University of Maine, Orono, Me.* Bethel, Me.
Hanna, Leo Gregory, *First Assistant Physical Director and Student, Brown Univ.* Providence, R.I.
Hastings, Phebe Daisy, *Teacher, Public School*, Palmer.
Huegin, Gretchen, *Assistant Teacher, West Side Turner Hall and German-American Seminary*, Milwaukee, Wis.
Knoop, William Theodore, A.B. (*Brown Univ.*), *Assistant Physical Instructor, Brown Univ.* Providence, R.I.
Lee, Emily Fisher, *Teacher, Public Schools*, Bangor, Me.
Leiter, Rose, A.B. (*Oberlin Coll.*), *Supervisor of Physical Training, Public Schools*, Mansfield, O.
Lewis, Charles Bernard, *Assistant Physical Director, State Normal School*, West Chester, Pa.
Lewis, Gertrude Prudence, *Teacher, Public School No. 19, New York City*, Oxford, N.Y.
Lewis, Philip Gustav, *Instructor, Epiphany Chapel Gymnasium*, Philadelphia, Pa.
Lungren, Eleanor Shields, *Teacher, Normal School*, Philadelphia, Pa.
McCarthy, Daniel Joseph, *Assistant Instructor, St. Alphonsus Association*, Boston.
McConaghy, Albert, M.D. (*Univ. of Pennsylvania*), *Physician*, Philadelphia, Pa.
Mason, John Leonard, *Assistant Physical Director, Lawrenceville School*, Lawrenceville, N.J.
Merrill, Dora Ellen, A.B. (*Vassar Coll.*), *Assistant Director, Gymnasium, Kemper Hall, Kenosha, Wis.* Brooklyn, N.Y.
Moakley, John F., *Trainer, Cornell University Athletic Association*, Ithaca, N.Y.
Moore, George Colton, A.B. (*Yale Univ.*), M.D. (*Harvard Univ.*), *Instructor, Groton School, Groton*, East Hartland, Conn.
Murphy, Julia Anna, *Student*, Charlestown.
Myers, Minnie Elizabeth, *Teacher, Grammar School*, Youngstown, O.
O'Connell, Helena, *Student*, Allston.
Osborne, Alice, *Instructor, Teachers' College, New York City*, Plainfield, N.J.
Otto, Lillia Belle, *Teacher, Public Schools*, Baltimore, Md.
Palmer, Alice Smedley, A.B. (*Swarthmore Coll.*), *Principal, Friends' Seminary*, New York, N.Y.

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Plummer, Frederic Weston, A.M. (*Bates Coll.*), *Principal, Woodward Institute*, Quincy.
Price, Carrie Steele, *Teacher, Gloucester High School*, Cappahosic, Va.
Reynolds, Edward James, *Teacher, Boys' Section, Young Men's Christian Association, Melrose*, Wakefield.
Rice, Elizabeth McDowell, *Teacher, Pastorius School*, Germantown, Pa.
Seikel, Hugo Bruno, *Assistant Director, Ladies' Turn Verein*, Newark, N.J.
Sheehan, Mary Josephine, *Teacher, St. Mary's Academy*, Cambridge.
Sheldon, Rowland Caldwell, *Teacher*, New York, N.Y.
Shriner, Elmer S., B.E. (*Juniata Coll.*), Lititz, Pa.
Slack, Marie Louise, *Student*, St. Paul, Minn.
Smith, Mary Loretto, *Teacher, Public School*, Buffalo, N.Y.
Somers, Jean Margaret, *Director, Young Women's Christian Association Gymnasium*, Toronto, Canada.
Spann, Carrie, *Teacher, Public Schools*, Newark, N.J.
Suiter, Charles Edgar, *Physical Director, Western University of Pennsylvania*, Allegheny, Pa.
Tenny, Arthur Edix, *Physical Director, Gloucester Athletic Club*, Dorchester.
Tolman, Harriet Marguerite, *Teacher*, Roxbury.
Wacker, Alma Henrietta, *Student*, Columbus, O.
Wagner, Margaret Melvina, *Instructor, Wilson College*, Chambersburg, Pa.
Walter, Jeannette Brown, *Teacher, Public Schools*, Philadelphia, Pa.
Way, Abner P., S.B. (*Swarthmore Coll.*), M.D. (*Habermann Coll.*), *Physician*, Atlantic City, N.J.
Weatherby, Grace Kingsley, *Teacher, Public Schools*, Hackensack, N.J.
Wentz, Etta Lansing, *Physical Director, Women's Gymnastic Club of Albany, Women's Monday Morning Gymnastic Class, St. Agnes School, Academy of the Sacred Heart*, Albany, N.Y.
Wickliffe, Elizabeth, *Teacher, Semple Collegiate School*, Louisville, Ky.
Woll, Frederic Albert, *Physical Director, Southampton Gymnasium*, [N.Y. Southampton, L.I.,

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THE SUMMER SCHOOL OF THEOLOGY.

Adams, William Cushing, (*Bangor Theol. Seminary*) 1896, A.B. (*Bowdoin Coll.*) 1897, S.T.B. (*Harvard Univ.*) 1900, Bangor, Me.

Barbour, James Ernest, A.B. (*Coe Coll.*) 1886, (*Andover Theol. Seminary*) 1890, A.M. (*Univ. of Wisconsin*) 1896, Pawtucket, R. I.

Bell, Sheridan Watson, A.B. (*Ohio Wesleyan Univ.*) 1895, A.M. (*ibid.*) 1898, S.T.B. (*Boston Univ.*) 1898, Cincinnati, O.

Billings, Sherrard, A.B. (*Harvard Univ.*) 1880, S.T.B. (*Episcopal Theol. School, Cambridge*) 1884, A.M. (*Trinity Coll.*) 1887, Groton.

Borncamp, Edward, A.B. (*Univ. of Minnesota*) 1893, S.T.B. (*Episcopal Theol. School, Cambridge*) 1896, Boston.

Bradley, Edward Ernest, A.B. (*Williams Coll.*) 1885, S.T.B. (*Yale Univ.*) 1891, Lincoln.

Bruce, Amos Martin, A.B. (*Dickinson Coll.*) 1899, Boston.

Bumpus, Arthur Lewis, A.B. (*Harvard Univ.*) 1891, S.T.B. (*Episcopal Theol. School, Cambridge*) 1894, Roxbury.

Cross, Allen Eastman, A.B. (*Amherst Coll.*) 1886, (*Andover Theol. Seminary*) 1891, Brookline.

Dalrymple, Charles Henry, Oakdale.

Day, Charles Orrin, A.B. (*Yale Univ.*) 1872, (*Andover Theol. Seminary*) 1877, A.M. (*Yale Univ.*) 1901, D.D. (*Dartmouth Coll.*) 1901, D.D. (*Iowa Coll.*) 1901. Andover.

Day, John Boynton Wilson, A.B. (*Tufts Coll.*) 1897, S.T.B. (*Harvard Univ.*) 1900, Amherst.

Deans, John, S.T.B. (*Yale Univ.*) 1896, Riverpoint, R. I.

DeLong, Henry Clay, (*Theol. School, St. Lawrence Univ.*) 1863, Medford.

Duffield, Charles Wadsworth, A.B. (*Univ. of Pennsylvania*) 1872, A.M. (*ibid.*) 1875, Allston.

Dumm, Benjamin Alfred, A.B. (*Western Maryland Coll.*) 1886, A.M. (*ibid.*) 1889, PH.D. (*Columbian Univ.*) 1900, Stoneham.

Eastman, Annis Ford, Elmira, N.Y.

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Eaton, Walter Samuel, A.B. (*Syracuse Univ.*) 1887, PH.D. (*American Temperance Univ.*) 1898, S.T.B. (*Boston Univ.*) 1901, Revere.

Edwards, George Nelson, A.B. (*Wesleyan Univ.*) 1893, A.B. (*Harvard Univ.*) 1894, (*Union Theol. Seminary*) 1900, Jewett City, Conn.

Emrich, Frederick Ernest, A.B. (*Bates Coll.*) 1876, (*Cobb Divinity School*) 1877, A.M. (*Bates Coll.*) 1879, D.D. (*ibid.*) 1894, So. Framingham.

Evarts, Prescott, A.B. (*Harvard Univ.*) 1881, S.T.B. (*General Theol. Seminary*) 1885, Cambridge.

Fullerton, Edward Grier, A.B. (*Univ. of Pennsylvania*) 1883, A.M. (*ibid.*) 1886, (*Princeton Theol. Seminary*) 1889, PH.D. (*Yale Univ.*) 1896, Bridgeport, Conn.

Gill, Frederic, (*Meadville Theol. School*) 1890, Arlington.

Goldner, Jacob Henry, A.B. (*Hiram Coll.*) 1896, Cleveland, O.

Greer, Baxter Dickson Doddridge, A.B. (*Davidson Coll.*) 1874, (*Theol. Seminary, Columbia, S.C.*) 1880, San Antonio, Tex.

Hall, Jane Harriss, New York, N.Y.

Hannah, Henry King, (*Episcopal Theol. School, Cambridge*) 1896, Concord.

Hannum, Henry Oliver, A.B. (*Univ. of Minnesota*) 1893, S.T.B. (*Harvard Univ.*) 1896, Boston.

Heath, Hugh Austin, A.B. (*Des Moines Coll.*) 1893, (*Rochester Theol. Seminary*) 1896, Wakefield.

Hilliard, Samuel Haven, A.B. (*Harvard Univ.*) 1859, A.M. (*ibid.*) 1862, (*General Theol. Seminary*) 1863, Boston.

Hilton, Charles Augustus, Randolph.

Hiscox, Edwin T., A.B. (*Coll. of the City of New York*) 1869, (*Rochester Theol. Seminary*) 1872, Saratoga Springs, [N.Y.

Hudson, Carl Kellogg, A.B. (*Cornell Coll., Iowa*) 1897, Wellington.

Huestis, Charles Herbert, A.B. (*Univ. of Mt. Allison Coll.*) 1885, A.M. (*ibid.*) 1896, Sydney, N.S.

Ingham, John Albertson, A.B. (*Syracuse Univ.*) 1886, A.M. (*ibid.*) 1889, (*Union Theol. Seminary*) 1892, Irvington-on-Hudson, N.Y.

Jagnow, Albert August, Douglaston, N.Y.

Kenngott, George Frederick, A.B. (*Amherst Coll.*) 1886, A.M. (*ibid.*) 1900, S.T.B. (*Andover Theol. Seminary*) 1900, Lowell.

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Krumreig, Edward Ludwig von, M.A.LITT. (*Christian Univ., Mo.*) 1901, Shapleigh, Me.

Latshaw, David Gardner, A.B. (*Allegheny Coll.*) 1895, S.T.B. (*Boston Univ.*) 1899, Cincinnati, O.

Lesh, Henry Edgar, Hammonton, N.J.

Loring, Richard Tuttle, A.B. (*Harvard Univ.*) 1892, S.T.B. (*Episcopal Theol. School, Cambridge*) 1899, Newtonville.

Macduff, Isabella Stirling, S.T.B. (*Tufts Coll.*) 1897, Berlin, N. H.

McFayden, Donald, A.B. (*Univ. of Toronto*) 1896, A.M. (*Harvard Univ.*) 1901, Caledon, Ont.

MacLaurin, Donald Drummond, A.B. (*Colgate Univ.*) 1881, (*Hamilton Theol. Seminary*) 1884, D.D. (*Kalamazoo Coll.*) 1897, Rochester, N.Y.

MacMillen, Frederick Alexander, A.B. (*Dalhousie Coll.*) 1891, S.T.B. (*General Theol. Seminary*) 1894, Philadelphia, Pa.

Marble, Fred Elmer, A.B. (*Univ. of Rochester*) 1887, (*Rochester Theol. Seminary*) 1890, PH.D. (*Yale Univ.*) 1897, Brattleboro, Vt.

Marggraf, Edward Everett, S.T.B. (*Tufts Coll.*) 1888, A.B. (*ibid.*) 1892, A.M. (*ibid.*) 1901, Derby Line, Vt.

Matteson, John, PH.B. (*Brown Univ.*) 1886, S.T.B. (*Episcopal Theol. School, Cambridge*) 1891, Auburndale.

Megathlin, Henry Gerrard, A.B. (*Middlebury Coll.*) 1893, (*Andover Theol. Seminary*) 1896, Wollaston.

Merriam, Charles Loveland, A.B. (*Yale Univ.*) 1879, (*Andover Theol. Seminary*) 1882, Pelham, N.H.

Michael, Harry Cleaver, A.B. (*Susquehanna Univ.*) 1896, A.M. (*ibid.*) 1899, Wilmerding, Pa.

Mills, George Sherman, A.B. (*Dartmouth Coll.*) 1890, (*Andover Theol. Seminary*) 1895, Belfast, Me.

Mohr, Albert Gustav, A.B. (*Coll. of the City of New York*) 1895, (*Union Theol. Seminary*) 1901, New York, N.Y.

Mousley, William Henry, (*Bangor Theol. Seminary*) 1895, Quechee, Vt.

Ogden, Horace Greeley, S.B. (*Central Normal Coll.*) 1889, A.B. (*DePauw Univ.*) 1893, Frankfort, Ind.

Oxnard, Henry Ernest, A.B. (*Harvard Univ.*) 1886, LL.B. (*ibid.*) 1889, (*Andover Theol. Seminary*) 1894, Newton.

Page, Harlan, (*Lane Theol. Seminary*) 1882, Hardwick.

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Paine, George Lyman, A.B. (*Harvard Univ.*) 1896, A.M. (*ibid.*) 1897, S.T.B. (*Episcopal Theol. School, Cambridge*) 1900, Dorchester.

Paine, Harvey Hallett, A.B. (*Wesleyan Univ.*) 1887, A.M. (*ibid.*) 1900, Worcester.

Palmer, Frederic, A.B. (*Harvard Univ.*) 1869, A.M. (*ibid.*) 1872, (*Andover Theol. Seminary*) 1872, Andover.

Parker, Henry Carlton, (*Meadville Theol. School*) 1878, Woburn.

Perkins, Richard Roy, A.B. (*Brown Univ.*) 1899, Hornellsville, N. Y.

Piper, Herbert John, A.B. (*Bates Coll.*) 1890, (*Cobb Divinity School*) 1900, Dexter, Me.

Roberts, Waters Dewees, A.B. (*Univ. of Pennsylvania*) 1884, A.B. (*Harvard Univ.*) 1885, S.T.B. (*Episcopal Theol. School, Cambridge*) 1888, E. Boston.

Robinson, Perley Joseph, (*Bangor Theol. Seminary*) 1888, Windsor, Vt.

Rondeau, Samuel Peter, (*Montreal Presbyterian Coll.*) 1892, PH.B. (*Taylor Univ.*) 1901, Fall River.

Sewall, Oliver Dana, A.B. (*Bowdoin Coll.*) 1887, A.M. (*ibid.*) 1890, (*Andover Theol. Seminary*) 1892, Brookline.

Snell, Herbert Laird Wingate, A.B. (*Harvard Univ.*) 1895, S.T.B. (*Andover Theol. Seminary*) 1900, Brookline.

Southworth, Alice Berry, A.B. (*Vassar Coll.*) 1887, Meadville, Pa.

Southworth, Franklin Chester, A.B. (*Harvard Univ.*) 1887, S.T.B. and A.M. (*ibid.*) 1892, Meadville, Pa.

Spalding, Samuel Charles, Washington, D. C.

Sullivan, Edward Taylor, A.B. (*Trinity Coll.*) 1889, S.T.B. (*Episcopal Theol. School, Cambridge*) 1892, Newton Centre.

Towne, Arthur Whittlesey, S.B. (*Amherst Coll.*) 1901, A.B. (*Harvard Univ.*) 1902, Cambridge.

Warren, William Frank, LL.B. (*Columbian Univ.*) 1866, Malden.

Wild, John, Hanover.

Williams, Charles Henry, A.B. (*Ohio Wesleyan Univ.*) 1894, A.M. (*ibid.*) 1897, S.T.B. (*Boston Univ.*) 1897, Cambridge.

Williams, William Hall, A.B. (*Harvard Univ.*) 1883, S.T.B. (*Episcopal Theol. School, Cambridge*) 1886, Waban.

Woodbridge, Richard George, (*Bangor Theol. Seminary*) 1880, Somerville.

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THE SUMMER SCHOOL OF MEDICINE.

Allen, Gardner Weld, A.B. 1877, M.D. 1882,	*Boston.*
Amory, Ingersoll, A.B. 1892,	*Boston.*
Arkin, Louis, S.B. 1901,	*Cambridge.*
Baker, Leslie Talbot, A.B. 1900,	*Boston.*
Barnes, William Lester, A.B. 1900,	*No. Attleboro.*
Barney, James Dellinger, A.B. 1900,	*Roxbury.*
Bartlett, Daniel Edwin,	*Boston.*
Bauman, George,	*Cleveland, O.*
Beals, Lynn Staley, A.B. 1900,	*Mt. Vision, N. Y.*
Bessey, James Mortimer, M.D. (*Howard Univ.*) 1883,	*Toledo, O.*
Betts, Norman Sinclair,	*Philadelphia, Pa.*
Bigelow, George Lambert,	*Marlboro.*
Bowen, Arthur Hosmer, M.D. (*Medical Coll. of Ohio*) 1876,	*Columbus, O.*
Brown, Fred Louis Standish,	*Westboro.*
Bryant, Frederick, A.B. (*Colby Univ.*) 1895, M.D. 1900,	*Worcester.*
Burns, Walter Linn, S.B. (*Villanova Coll.*) 1896, A.B. (*ibid.*) 1897,	*Lawrence.*
Burt, Edward Walter, M.D. (*Boston Univ.*) 1900,	*Westport.*
Calderwood, Edward Swazey, A.B. (*Dartmouth Coll.*) 1901,	*Roxbury.*
Chapin, Laurence Dudley, A.B. 1902,	*Springfield.*
Coles, William Wharton, A.B. (*Boston Univ.*) 1901,	*Wakefield.*
Cornwell, Herbert Cerdá de Vilarrestau, A.B. 1897, M.D. 1900,	*Cambridge.*
Crockett, Montgomery Adams, A.B. 1882, M.D. (*Bellevue Hosp. Med. Coll.*) 1885,	*Buffalo, N. Y.*
Cusick, Laurence Francis,	*Nahant.*
Davis, John Staige, A.M. (*Univ. of Virginia*), 1888, M.D. (*ibid.*) 1889,	*Charlottesville, Va.*
Davis, William Price,	*Philadelphia, Pa.*
Dibrell, Edwin Richard, M.D. (*Univ. of Pennsylvania*) 1883,	*Little Rock, Ark.*
Donnally, Harry Hampton, S.B. (*Columbian Univ.*) 1896, A.M. (*ibid.*) 1897,	*Washington, D. C.*
Douglas, Charles Joseph, M.D. (*Hahnemann Med. Coll.*) 1891,	*Boston.*
Drew, Charles Allen, S.B. (*Dartmouth Coll.*) 1900,	*Sharon.*

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Drury, Dana Warren,	*Roxbury.*
Eaton, William Edward,	*So. Framingham.*
Emery, Ernest Washburn, A.B. (*Bates Coll.*) 1892,	*Ashburnham.*
Enders, Howard Edwin, S.B. (*Univ. of Michigan*) 1898, M.S. (*Lebanon Valley Coll.*) 1900,	*Annville, Pa.*
Enebuske, Claës Julius, A.M., PH.D. (*Royal Univ. Lund, Sweden*) 1885, M.D. 1896,	*Boston.*
Farmer, Fannie Merritt,	*Boston.*
Fassett, Fred Julius, A.B. (*Yale Univ.*) 1898,	*Montpelier, Vt.*
Fenwick, George Benson, A.B. 1900,	*Chelsea.*
Field, Henry Martyn, A.B. (*Yale Univ.*) 1900,	*Dorchester.*
Finkelstein, Harry,	*Boston.*
Fitzpatrick, James Henry, A.B. 1902,	*Cambridge.*
Flippin, James Carroll, M.D. (*Univ. of Virginia*) 1901,	*Danville, Va.*
Freedman, Louis Mark, A.B. 1901,	*Chelsea.*
Gage, Ruel Stearns, M.D. (*Univ. City of New York*) 1877,	*Newark, N. J.*
Gallison, Jefferson Cushing, M.D. 1895,	*Franklin.*
Generalis, Demosthenes John, M.D. (*Univ. of Athens*) 1892,	*Lowell.*
Gibbs, Frederick Azro, S.B. (*Dartmouth Coll.*) 1898,	*Dover, N. H.*
Gilbert, George Burton,	*Thomaston, Conn.*
Goddard, Herbert Edward,	*Brookline.*
Graham, Simon Peter,	*Newburyport.*
Green, Robert Montraville, A.B. 1902,	*Boston.*
Hamilton, Allen, A.B. (*Williams Coll.*) 1898,	*Fort Wayne, Ind.*
Hamilton, Gordon, A.M. (*Rust Univ.*) 1899,	*San Francisco, Cal.*
Hanson, William Clinton, A.B. 1899,	*Cambridge.*
Haskell, Charles Cheves,	*Columbia, S. C.*
Hayward, John Albert,	*Cambridge.*
Herman, Edwards Woodbridge,	*Boston.*
Hewitt, Joseph Henry, A.B. (*Univ. of No. Carolina*) 1899,	*Mapleton, Va.*
Homan, John Milton,	*Somerville.*
Hosley, Walter Alexis, A.B. 1900,	*Springfield.*
House, Albert Ivanhoe,	*So. Framingham.*
Howe, George Plummer, A.B. 1900,	*Lawrence.*
Jacques, Louis Desiré Onésiphore, M.D. (*Laval Univ.*) 1897,	*Worcester.*
Kahn, Isidore Stanley, A.B. 1900,	*Dallas, Tex.*
Kent, Ralph Porter,	*Attleboro.*

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Kerr, Robert William,	*Newport, R. I.*
Leavitt, Byron Charles, A.B. (*Dartmouth Coll.*) 1881, M.D. 1887,	*Millbrook.*
Lee, William George, A.B. 1901,	*Chicago, Ill.*
Lepper, David Barnard, M.D. 1902,	*Madison, N. H.*
Long, Margaret, A.B. (*Smith Coll.*) 1895,	*Hingham.*
Lowney, John Francis, M.D. (*Tufts Coll.*) 1900,	*Fall River.*
Lowney, Jeremiah Joseph,	*Fall River.*
McAllister, Frederick Danforth, A.B. (*Amherst Coll.*) 1894, M.D. 1898,	*Lawrence.*
McKenzie, Charles,	*E. Boston.*
McKibben, William Watson, A.B. 1896, M.D. 1900,	*Van Buren, Ark.*
McPeake, Patrick Henry,	*Somerville.*
Maguire, Thomas Joseph,	*Natick.*
Mangan, John Joseph, A.B. (*Holy Cross Coll.*) 1883, A.M. (*ibid.*) 1896, M.D. (*Coll. of Phys. and Surg.*) 1891,	*Lynn.*
Manning, Isaac Hall, M.D. (*Long Island Coll. Hosp.*) 1897,	*Chapel Hill, N. C.*
Marshall, Harold Kenneth,	*Boston.*
Marston, Joseph Norris, M.D. 1899, B.SC. (*Edinburgh Univ.*) 1901,	*Lowell.*
Messinger, Harry Carleton,	*E. Providence, R. I.*
Mock, Charles Whiting,	*Jamaica Plain.*
Montgomery, Fayette Hewitt, M.D. (*Columbian Univ.*) 1892,	*Danville, Ky.*
Morrill, Gordon Niles,	*Boston.*
Morse, John Lovett, A.B. 1887, A.M., M.D. 1891,	*Boston.*
Motter, Murray Galt, A.B. (*Pennsylvania Coll.*) 1886, S.B. (*ibid.*) 1887, A.M. (*ibid.*) 1889, M.D. (*Univ. of Pennsylvania*) 1890,	*Washington, D. C.*
Musgrave, Percy, A.B. 1894, M.D. 1898,	*Boston.*
Nabers, Frank Edmoundson, PH.G. (*New York Coll. of Pharm.*) 1891,	*Birmingham, Ala.*
Norwood, Harold Bradshaw,	*Beverly.*
O'Brien, Stanislaus Patrick,	*Lowell.*
O'Sullivan, William Daniel, B.L. (*Dartmouth Coll.*) 1900,	*Lawrence.*
Phillips, John Charles,	*Boston.*
Plummer, Harry Ephraim, M.D. (*Iowa Coll. of Phys. and Surg.*) 1901,	*Des Moines, Ia.*
Pote, Leonard Holden, M.D. 1900,	*Somerville.*
Pratt, Frederick Haven, A.B. 1896, A.M. 1898,	*Worcester.*
Provan, Walter Fairfield,	*Roxbury.*

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Ransom, Eliza Taylor, M.D. (*Boston Univ.*) 1900,	*Dorchester.*
Ray, Frederick Nash,	*Haverhill.*
Rees, Rees Bynon, M.D. 1901,	*Boston.*
Ripley, William Littlefield,	*Newton.*
Rives, William Cabell, M.D. (*Univ. of the City of New York*) 1877,	*Washington, D. C.*
Robbins, Chandler, A.B. 1899,	*Weston.*
Robbins, William Bradford, A.B. 1899,	*Weston.*
Rogers, Mark Homer, A.B. (*Williams Coll.*) 1900,	*Allston.*
Rowley, Mary, M.D. (*Tufts Coll.*) 1898,	*Boston.*
Russell, John Henry,	*Providence, R. I.*
Ryder, William Vernon,	*Everett.*
Sachs, Ernest, A.B. 1900,	*New York, N. Y.*
Seaver, Edwin Pliny, Jr.	*Waban.*
Seymour, Frederick Ward,	*Holyoke.*
Seymour, Malcolm,	*Holyoke.*
Shoninger, Lee Simon, PH.B. (*Yale Univ.*) 1900,	*New Haven, Conn.*
Skarstrom, William, M.D. 1901,	*Boston.*
Staples, Clarence Hathorne, A.B. (*Wesleyan Univ.*) 1900,	*Waltham.*
Stevens, Charles Edward,	*Brookline.*
Strauss, Sidney,	*Pittsfield, Ill.*
Stuhl, Frank,	*So. Boston.*
Taylor, Harry Baylor, M.D. (*Univ. of Virginia*) 1902,	*Norfolk, Va.*
Thornton, John Thruston, M.D. (*Med. Coll. of Virginia*) 1902,	*Charlottesville, Va.*
Trayes, William Henry, Jr.	*Boston.*
Tyler, Winsor Marrett, A.B. 1899,	*Lexington.*
Watters, William Henry, A.B. (*McGill Univ.*) 1897, M.D. (*Boston Univ.*) 1900,	*Boston.*
Whitney, Charles Melville, M.D. 1887,	*Boston.*
Whiton, Ross Kittredge, A.B. 1900,	*Quincy.*
Williams, Ennion Gifford, M.D. (*Univ. of Virginia*) 1897,	*Richmond, Va.*
Williams, Marian Walker, A.B. (*Radcliffe Coll.*) 1898, M.D. (*Johns Hopkins Med. Coll.*) 1901,	*Cambridge.*
Witbeck, Charles Lansing, M.D. (*Union Univ.*) 1901,	*Albany, N. Y.*
Woodbury, Willard Porter, A.B. 1900,	*Beverly.*
Worcester, John Fonerden, M.D. (*Boston Univ.*) 1888,	*Dorchester.*
Young, Herbert Walter,	*Boston.*

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SUMMARY.

ARTS AND SCIENCES:—

Greek	8	
Latin	16	
English	152	
Voice Cultivation	13	
Public Speaking and Reading	11	
German	19	
French	13	
Spanish	6	
History	38	
Civil Government	4	
Psychology	15	
Education	70	
Theory of Design	80	
Freehand Drawing	5	
Music	5	
Mathematics	70	
History and Teaching of Mathematics	10	
Surveying	7	
Shopwork	6	
Physics	44	
Chemistry	15	
Botany	30	
Geology	16	
Geography	33	
Physical Training	204	
	890	
Deduct for names inserted more than once	153	
		737
THEOLOGY		78
MEDICINE		130
		945

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GENERAL SUMMARY.

Officers of Instruction and Administration.

CORPORATION		7
OVERSEERS		31
TEACHERS: —		
Professors	101	
Associate Professors	9	
Assistant Professors	48	
Lecturers	20	
Instructors	163	
Austin Teaching Fellows	21	
Demonstrators and Assistants	172	
Whole number of Teachers		534
PREACHERS		5
CURATORS AND LIBRARY OFFICERS		20
PROCTORS AND OTHER OFFICERS		35

Students.

I. FACULTY OF ARTS AND SCIENCES: —		
1. COLLEGE: —		
Senior Class	381	
Junior Class	420	
Sophomore Class	578	
Freshman Class	608	
Special Students	122	
		2109
2. SCIENTIFIC SCHOOL: —		
Fourth-Year	94	
Third-Year	83	
Second-Year	151	
First-Year	136	
Special	120	
		584
3. GRADUATE SCHOOL: —		
Resident	301	
Non-Resident	15	316
Whole No. of Students under Faculty of Arts and Sciences,		3009

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II. Divinity School: —		
Resident Graduates	11	
Senior Class	4	
Middle Class	9	
Junior Class	6	
Special	7	
		37
III. Law School: —		
Third-Year	167	
Second-Year	196	
First-Year	228	
Special	49	
		640
IV. Faculty of Medicine: —		
1. Medical School: —		
In Courses for Graduates	13	
Fourth Class	101	
Third Class	127	
Second Class	115	
First Class	89	
		445
2. Dental School: —		
Post-Graduates	2	
Third-Year	40	
Second-Year	26	
First-Year	44	
		112
V. Bussey Institution		33
		4276
Deduct for names inserted more than once		15
Total for the Academic Year 1902–03		4261
VI. Summer School of 1902		945
Total, including Summer School		5206

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HOLDERS OF FELLOWSHIPS AND SCHOLARSHIPS.

(Appointed in 1902.)

HARVARD COLLEGE.

The names of holders of Scholarships in Harvard College are arranged in three groups, in accordance with votes of the Faculty of Arts and Sciences.

Group I.

The first group of holders of Scholarships is made up of those undergraduates whose work in the preceding College year entitles them to "very high academic distinction." No student is admitted to this group until his record for the preceding year, in all his courses, has been carefully inspected and the question of his fitness has been submitted to every one of his teachers. Only very high grades in his studies and concurrent testimony in his favor from a sufficient number of his teachers enable the Committee on Scholarships and other Aids for Undergraduates to recommend him for a position in the first group.

John Harvard Scholarships are given only to students deemed worthy of a position in the first group.

Edwin Hale Abbot, Jr., '04,	*John Harvard*
George Plimpton Adams, '03,	*Kirkland*
John Mead Adams, '03,	*Richard Augustine Gambrill* *Palfrey Exhibition*
Arthur Atwood Ballantine, '04,	*Bright* *Wendell Phillips Memorial*
Philip Bancroft, '03,	*John Harvard*
Cecil Barnes, '04,	*John Harvard*
Edwin De Turck Bechtel, '03,	*Price Greenleaf*
Anson Wood Belding, '04,	*Bowditch*
Ernest Bernbaum, '03,	*John Harvard*
Stuart Blaikie, '03,	*Bowditch*
Percy Williams Bridgman, '04,	*Saltonstall*

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Walter Eugene Clark, '03,	*William Samuel Eliot*
Elmer Elbert Craig, '03,	*Ruluff Sterling Choate*
Fritz Sage Darrow, '03,	*John Harvard*
Cecil Thayer Derry, '03,	*Lady Mowlson*
George Allan England, '03,	*Matthews*
Roger Ernst, '03,	*John Harvard*
James Alfred Field, '03,	*John Harvard*
Francis Howard Fobes, '04,	*John Harvard*
Harry Louis Frevert, '05,	*Jacob Wendell*
Henry Rozalvin Gardner, '03,	*Bowditch*
Charles Whitney Gilkey, '03,	*Class of 1802*
James Abram Goldthwaite, '05,	*Bowditch*
Joseph Isaac Gorfinkle, '03,	*Price Greenleaf*
Ferdinand Irving Haber, '03,	*John Harvard*
Lewis Wendell Hackett, '05,	*Bowditch*
Eugene Arthur Hecker, '05,	*Bowditch*
Richard Townsend Henshaw, '04,	*John Harvard*
Henry Wyman Holmes, '03,	*Bowditch*
Charles Phillips Huse, '04,	*Bowditch*
Francis Wayland Johnston, '04,	*Slade*
Ralph Hayward Keniston, '04,	*Price Greenleaf*
William Cullen Keough, '04,	*Bowditch*
Jesse Knight, Jr., '03,	*Bowditch*
Curtis Edmunds Lakeman, '04,	*Bowditch*
George Bartlett Laubenstein, '03,	*John Harvard*
Augustus Locke, '04,	*Price Greenleaf*
Dean Putnam Lockwood, '03,	*Price Greenleaf*
Charles Foster Lovejoy, '04,	*John Harvard*
David Aloysius McCabe, '04,	*Farrar*
John Joseph Mahoney, '03,	*Price Greenleaf*
Frank Richardson Mason, '05,	*Bowditch*
William Henry Nelson, '04,	*Warren H. Cudworth*
James George Patterson, '03,	*Bowditch*
Mahlon Fay Perkins, '04,	*Price Greenleaf*
Herbert Thomas Poland, '03,	*Price Greenleaf*
Chandler Rathfon Post, '04,	*John Harvard*
Conyers Read, '03,	*John Harvard*
Augustus Loring Richards, '03,	*John Harvard*
Gustavus Hill Robinson, '05,	*Bowditch*
Clinton Cyrus Scheffy, '03,	*Price Greenleaf*
Kendall Kerfoot Smith, '04,	*John Harvard*
Francis Wollson Snow, '05,	*Bowditch*

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George Stanley Stevenson, Jr., '03,	*Class of 1856*
Elijah Swift, '03,	*Bowditch*
Clifford Hall Walker, '03,	*Hodges*
Roy Smith Wallace, '04,	*Price Greenleaf*
Sidney James Watts, '05,	*Bowditch*
Samuel Alfred Welldon, '04,	*Bowditch*
Max William Wolff, '04,	*Bowditch*

Group II.

The second group is made up of students of marked excellence who have not attained a position in the first group.

Charles Walter Annable, '05,	*Bright*
Clarence Grover Bachrach, '05,	*Harvard College*
Stewart Baird, '03,	*Harvard College*
Francis Vinal Barstow, '04,	*William Whiting*
Elton Holmes Beals, '04,	*Bassett*
Augustus Samuel Beatman, '03,	*C. L. Jones*
William Sherwood Bedal, '03,	*Harvard College*
Avery Lowell Bennett, '04,	*Harvard College*
Harold Whitman Bennett, '05,	*Harvard College*
Harry Bergson, '04,	*Burr*
Joseph Victor Blanchet, '05,	*C. L. Jones*
Eliot Boardman, '04,	*Dana*
Walter Russell Bowie, '04,	*Harvard College*
Charles Winfield Brown, '03,	*Story*
Fred Wayne Catlett, '04,	*Harvard College*
Frank Alfred Chudoba, '04,	*Class of 1814*
James Noble Clark, '05,	*Harvard College*
William Everson Cobb, '05,	*Bartlett*
Fred Lewis Collins, '04,	*Harvard College*
John Daniels, '04,	*Harvard College*
Harold Simpson Deming, '05,	*Harvard College*
Richard Priest Dietzman, '05,	*Harvard College*
Louis Carr Doyle, '04,	*Sales*
Carl Ehlermann, Jr., '05,	*Harvard College*
*Henry Coleman Farrington, '05,	*Harvard College*
George Herbert Fernald, Jr., '03,	*Harvard College*
Elias Field, '04,	*Price Greenleaf Fund*
Nathan Chandler Foot, '03,	*Harvard College*

* Died July 17, 1902.

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Eleazer Freedman, '03,	*Harvard College*
Edmund Carl Froehlich, '03,	*Burr*
Clifford Hamilton Frost, '05,	*Harvard College*
Arthur Hosmer Gale, '05,	*C. L. Jones*
John Lanman Galey, '05,	*Harvard College*
William Withington Gallagher, '04,	*Henry Bromfield Rogers*
John Edward Gardner, '04,	*Class of 1856*
Roger Castle Griffin, '04,	*Sales*
Merton Elkanah Grush, '03,	*Burr*
Matthew Hale, '03,	*Harvard College*
John Howe Hall, '03,	*George Emerson Lowell*
Chalkley Jay Hambleton, '04,	*Harvard College*
James Alexander Hare, '05,	*Harvard College*
Fitch Harrison Haskell, '05,	*Harvard College*
Edward Marcy Hill, '03,	*Harvard College*
Guerdon Stearns Holden, '04,	*Harvard College*
Carl Haynes Howe, '04,	*Orlando W. Doe*
Granville Johnson, '03,	*Harvard College*
Harold Pendexter Johnson, '05,	*Harvard College*
Ira Beaman Joralemon, '05,	*Bigelow*
Horace Meyer Kallen, '03,	*C. L. Jones*
Harry Kangisser, '04,	*Class of 1828*
Joseph Lebowich, '05,	*Harvard College*
Paul Murray Lewis, '04,	*C. L. Jones*
Charles Butler Loughead, '03,	*George Emerson Lowell*
Simon Julius Lubin, '04,	*Harvard College*
Ross Watt Lynn, '04,	*Class of 1835*
Eugene Ross McCarthy, '04,	*Walcott*
Norman Shaw McKendrick, '04,	½ *John Appleton Haven*
William Aloysius McLaughlin, '03,	*Rebecca A. Perkins*
Robert William Magrane, '03,	*C. L. Jones*
Israel Isidor Mattuck, '05,	*Sewall*
Leo Mayer, '05,	*Harvard College*
Jay Arthur Moody, '05,	*Burr*
Carroll Dean Murphy, '04,	*Price Greenleaf Fund*
George Augustus Newman, '03,	*Harvard College*
Shirley Hall Nichols, '05,	*Sewall*
Charles Morgan Olmsted, '03,	*Harvard College*
Wilfred Adolphe Openhym, '05,	*Harvard College*
Donald Parson, '05,	*Harvard College*
Harry Raymond, '05,	*Class of 1877*
Albert Franklin Reed, '04,	*Bright*

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James Arthur Reeves, '05,	*Matthews*
Victor Allison Rémy, '03,	*Harvard College*
Hallet Rice Robbins, '04,	*Harvard College*
John Jacob Rogers, '04,	*Harvard College*
Paul Earls Sabine, '03,	*Harvard College*
Cyrus Ashton Rollins Sanborn, '05,	*Bowditch*
Ledyard Sargent, '05,	*Harvard College*
Leonard Hastings Schoff, '04,	*Harvard College*
Henry William Schurr, '05,	*Bigelow*
Clinton Homer Scovell, '03,	*Hilton*
John Alexander Sharp, '05,	*Bassett*
Herbert Orlando Smith, '03,	*Bassett*
Linwood Ervin Snowman, '04,	*Burr*
Clarence Leonard Staples, '05,	*Burr*
Theodore Lothrop Stoddard, '05,	*Harvard College*
Paul Foster Strout, '03,	*Class of 1883*
Francis Banks Thompson, '03,	*Harvard College*
William Caldwell Titcomb, '04,	*Harvard College*
Walworth Tyng, '05,	*Class of 1817*
Abbott Payson Usher, '04,	*Harvard College*
Eugene Robinson Vinal, '04,	½ *John Appleton Haven*
Thornton Marshall Ware, '03,	*Harvard College*
Claude Carlos Washburn, '05,	*Harvard College*
Francis Asbury Waterhouse, '05,	*Harvard College*
Jacob Harry Weil, '05,	*Harvard College*
Spier Whitaker, '03,	*Harvard College*
Charles Clinton Woodside, '03,	*Benjamin D. Greene*

As of the year 1900–01.

Edwin Hale Abbot, Jr., '04,	*Harvard College*

Group III.

The third group is made up of students to whom scholarships have been awarded on grounds of special claim.

Rob Roy Alexander, '04,	*Abbot*
Charles Bulkley Ames, '03,	*Hollis*
George Alexander Barrow, '03,	*Matthews*
Oliver Louis Bear, '03,	*Julius Dexter*
Arthur William Belcher, '04,	*Sever*
Stanley Theodore Bush, '04,	*Levina Hoar*

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Homer James Carleton, '03,	*Mary Saltonstall*
Stuart Daggett, '03,	*Morey*
Theron Johnson Damon, '05,	*Mary Saltonstall*
John Coolidge Davenport, '04,	*Bright*
Henry Taft Eaton, '04,	½ *Ebenezer Rockwood Hoar*
Albert Harrison Ewing, '04,	*Matthews*
Daniel Chase Fitz, '05,	*William Merrick*
William Everett Gill, Sp.,	½ *Henry B. Humphrey*
George Anderson Gordon, '06,	*Matthews*
William Grainger, '05,	*Matthews*
Rudolph Brainerd Gring, '05,	*Matthews*
Albert William Hopson, '05,	*Warren H. Cudworth*
Reginald Mott Hull, '04,	*Edward Russell*
John Merritt Hunter, '04,	*Matthews*
William Russell Johnson, Jr., '06,	*Bright*
Clarence Moore Kelley, '06,	*Howard Gardner Nichols*
Henry Erskine Kelley, '03,	*Matthews*
Phillips Ketchum, '06,	*Matthews*
William Louis Nash, '05,	*Matthews*
Phillips Endecott Osgood, '04,	*Matthews*
Henry Seabury Parker, '04,	*Matthews*
Henry Rathbone Patterson, '05,	*Matthews*
Henry Putnam Pratt, '05,	*Browne*
Carroll Roscoe Reed, '06,	*Morey Willard Buckminster*
Alton True Roberts, '05,	½ *Henry B. Humphrey*
Thomas Edward Shaughnessy, '06,	½ *Ebenezer Rockwood Hoar*
John Jacob Slizack, '05,	*Fall River*
Karl Snedeker, '06,	*Matthews*
Kevork Garabed Tourian, '04,	*Matthews*
Arthur Tyng, '04,	*Matthews*
Homan Watson Walsh, '03,	*Matthews*
Edward Clark Whiting, '03,	*William Whiting*

THE LAWRENCE SCIENTIFIC SCHOOL.

Austin Fellowships in Architecture.

(For 1901–02.)

Edward Thomas Patrick Graham.

(For 1902–03.)

Edward Brown Lee.

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Scholarships.

University.

HERBERT MELVILLE BOYLSTON.
CHARLES MENDELSOHN.
ROBERT GUY ESTEP.
FREDERICK MILLS KILMER, JR.
JOSEPH ABRAHAM LONG.
PHILIP MORRILL PATTERSON.
GUILFORD DARBY SCHOLL.

Normal School.

CHARLES HIBBARD FRENCH.
HENRY WILLIAM KIRMAYER.
LEONARD OSCAR PACKARD.
GEORGE SMITH WOODWARD.

Eveleth.

CHARLES GILMAN.
HERBERT MILLER HALE.
CLAIR GEORGE PERSONS.

Hilton.

CHARLES HEBER FISHER.

Jennings.

JOHN MURRAY FOX.

L. S. S. Association.

JAMES JOSEPH MOYNAHAN.

THE GRADUATE SCHOOL.

FELLOWSHIPS.

Harris Fellowship.

WILLIAM JAY HALE.

Rogers Fellowships.

HAROLD DE WOLF FULLER. ROLAND GREENE USHER.

Parker Fellowships.

JOHN WILLIAM BRADSHAW. DONALD CAMERON.
CHARLES WILLIAM PRENTISS.

John Thornton Kirkland Fellowship.

JOHN TAGGART CLARK.

James Walker Fellowship

WILLIAM ERNEST HOCKING.

John Tyndall Scholarship.

EDWIN PLIMPTON ADAMS.

Robert Treat Paine Fellowship.

FRANCIS REEVE COPE, JR.

Henry Lee Memorial Fellowship.

LEON CARROLL MARSHALL.

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Ozias Goodwin Memorial Fellowship.

Emerson David Fite.

Henry Bromfield Rogers Memorial Fellowship.

Rufus Edward Miles.

Hemenway Fellowship.

[Not yet filled for 1902–03.]

John Harvard Fellowships.

Apthorp Gould Fuller.
Harry Nelson Gay.
William Henry Paine Hatch.
Mortimer Phillips Mason.
Francis Samuel Philbrick.

Whiting Fellowships.

Harvey Nathaniel Davis.
John L Hogg.
Joseph Cleaveland Pearson.

Charles Eliot Norton Fellowship.

Harold Ripley Hastings.

South End House Fellowship.

Albert Benedict Wolfe.

Edward Austin Fellowships.

Earnest Cary.
Leon Jacob Cole.
Robert Bell Michell.
Wilfred Newsome Stull.

Travelling Fellowship in Indic Philology.

David Brainerd Spooner.

SCHOLARSHIPS.

Austin.

Robert Allen Armstrong.
Bird Thomas Baldwin.
Noah Ebersole Byers.
Frederic Stanley Dunn.
Edwin Almiron Greenlaw.
Hiram Calvin Sampson.
Karl Dale Swartzel.
Perry Thomas Tompkins.
Eugene Morrow Violette.

Austin Resident in Architecture.

Leroy Pearl Burnham.
Francis Lyman Clark.

George and Martha Derby.

Truman Michelson.

Virginia Barret Gibbs.

Austin Park Larrabee.

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Charles Haven Goodwin.

ARTHUR STANLEY PEASE.

Leverett Saltonstall.

CHARLES BREWSTER RANDOLPH.

James Savage.

JAMES JACOB WOLFE.

Shattuck.

LEWIS DARWIN AMES.
ANDREW RUNNI ANDERSON.
CARLETON FAIRCHILD BROWN.
PAUL GUSTAV ADOLF BUSSE.
CHESTER NOYES GREENOUGH.
EDWARD ALFRED HOOK.
WILLIAM ABBOTT OLDFATHER.

Thayer.

HENRY AVERY CARLTON.
WALTER HAROLD CLAFLIN.
BERNARD CAPEN EWER.
ARTHUR DAY HOWARD.
ELLSWORTH HUNTINGTON.
WALTER LICHTENSTEIN.
HORACE CHAMBERLAIN PORTER.
WILLIAM HYDE PRICE.
MARLOW ALEXANDER SHAW.
JOHN STRONG PERRY TATLOCK.

Gorham Thomas.

FRANCIS COX WALKER.

Toppan.

ALPHONSO DE SALVIO.

Townsend.

HERBERT WHEELER MAREAN.
EDWIN MOORE RANKIN.
JOHN EDWARD ROUSE.
OLIVER SAMUEL TONKS.

University.

GUSTAVE EDWARD BEHR, Jr.
JAMES CARLETON BELL.
ARTHUR JEROME BOYNTON.
FRANCIS WEBSTER DOHERTY.
CLARENCE WILSON HAHN.
JAMES EDWARD LATTA.
GEORGE RANDALL LEWIS.
JAMES BLAIR NEWELL.
SIMEON E THOMAS.
JOHN FRANCIS TRAVIS.

Christopher M. Weld.

DAVID RAYMOND CURTISS.

Harvard Club of St. Louis.

CHARLES NEWTON SMILEY, Jr.

Harvard Club of San Francisco.

IVAN MORTIMER LINFORTH.

THE DIVINITY SCHOOL.

(Appointments for 1901–02.)

Williams Fellowships.

ALFRED WILLIAM BIRKS.
HOWARD BROWN WOOLSTON.

Edward Hopkins's Students of Divinity.

LAURENCE HAYWARD.
CICERO ADOLPHUS HENDERSON.
GEORGE NAHUM HOLCOMB.
RAY MADDING MCCONNELL.
DONALD MCFAYDEN.
RICHARD ROY PERKINS.

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Scholarships.

William John Barrett,	*Pomroy Fund.*
Thomas Seth Bruce,	*Buttrick Fund.*
Albert Willard Clark,	*Clapp.*
Artemas Lawrence Day,	*Cary.*
George Edgar Hathaway,	*N. Kendall.*
John Haynes Holmes,	*Buttrick Fund.*
George Milton Jones,	*Jackson.*
John F Malick,	*Buttrick Fund.*
John Pearl Morley,	*Chapman.*
Joseph Leishman Peacock,	*Jackson.*
Robert Ewart Ramsay,	*Cary.*
Alson Haven Robinson,	*J. H. Kendall.*
Christopher George Ruess,	*Jackson.*
Arthur Bryant Whitney,	*Jackson.*

THE LAW SCHOOL.

Faculty Scholarships.

James Sidney Allen, Jr.
Robbins Battell Anderson.
James Edward Ashmead.
Henry Winthrop Ballantine.
Percival Gates Barnard.
Hendrick Ware Barnum.
Frederic Gilbert Bauer.
Dwight St. John Bobb.
Edwin Miller Brooks.
Benjamin Henry Inness Brown.
Everly Mahin Davis.
Earl Franklin Drake.
Harry Joy Dunbaugh.
Burton Edward Eames.
John Wells Farley.
Paul Blanchard Fischer.
Mitchell Freiman.
Isador Grossman.
William Riggs Harvey.
Julius Clyde Hayden.
Alden Edson Henry.
Wesley Newcomb Hohfeld.
Frederick Manley Ives.
Edwin Roulette Keedy.
Harrison Franklin Lyman.
Charles Penderghast McCarthy.
Wendell Phillips McKown.
John Walter McQueen.
Clarence Harmon Olson.
Edwin Ruthven Perry.
Chester Mayo Pratt.
Paul Edward Riemann.
Charles Almon Ruggles.
Ernest Edward Sargeant.
Walter Shuebruk.
Vine Harold Smith.
Louis Sidney Thierry.
Clarence Manly Thorne.
Walter Lindsay Van Kleeck.
Sylvester Maurice Whalen.

Scholarship of the Harvard Club of Chicago.

Ray Mortimer Arnold.

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THE MEDICAL SCHOOL.

George Cheyne Shattuck Memorial Fellowship.

ELLIOTT PROCTOR JOSLIN.

John Ware Memorial Fellowship.

JOSEPH HERSEY PRATT.

Charles Eliot Ware Memorial Fellowship.

HENRY ASBURY CHRISTIAN.

Scholarships.

GEORGE SAMUEL AMSDEN,	*Hilton*
LOUIS ARKIN,	*Eveleth.*
WILLIAM LESTER BARNES,	*Orlando W. Doe.*
SYLVESTER JUDD BEACH,	*Eveleth.*
LYNN STALEY BEALS,	*Alfred Hosmer Linder.*
LEON GAGE BEELEY,	*Edward M. Barringer, No. 2.*
CHARLES WONSON EVELETH,	*Lucius F. Billings.*
ALVIN WARREN FOSS,	*Faculty.*
THOMAS ORDWAY,	*Charles Pratt Strong.*
CHARLES LEONARD OVERLANDER,	*Edward M. Barringer, No. 1.*
EDWIN HEMPHILL PLACE,	*Hilton.*
HUGO BRUNO CHARLES RIEMER,	*Eveleth.*
DAVID ROBINSON,	*John Thomson Taylor.*
WALTER LESLIE SARGENT,	*Faculty.*
BENJAMIN ERNEST SIBLEY,	*Claudius M. Jones.*
HERVEY LEWIS SMITH,	*Cotting Gift.*
GEORGE THURSTON SPICER,	*Faculty.*
JOSEPH STANTON,	*Faculty.*
CLARENCE HATHORNE STAPLES,	*Edward Wigglesworth.*
ROY SUMNER STEARNS,	*Charles B. Porter.*
WALTER CARLETON WOODWARD,	*Isaac Sweetser.*

(Appointments for 1901-02.)

CHARLES LEONARD OVERLANDER,	*Isaac Sweetser.*
DAVID ROBINSON,	*David Williams Cheever.*
THOMAS HASBROUCK THOMAS,	*Lewis* and *Harriet Hayden.*

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PRIZES, HONORS, AND DEGREES AWARDED IN 1901-02.

PRIZES.

Deturs.

Class of 1903.

George Plimpton Adams.
Philip Bancroft.
Stuart Blaikie.
Walter Eugene Clark.
Fritz Sage Darrow.
Ferdinand Irving Haber.
Henry Wyman Holmes.
Jesse Knight, Jr.
James George Patterson.
Conyers Read.
Clinton Cyrus Scheffy.

Class of 1904.

Edwin Hale Abbot, Jr.
Arthur Atwood Ballantine.
Cecil Barnes.
Anson Wood Belding.
Percy Williams Bridgman.
Richard Townsend Henshaw.
Charles Phillips Huse.
Francis Wayland Johnston.
Ralph Hayward Keniston.
William Cullen Keough.
Curtis Edmunds Lakeman.
Charles Foster Lovejoy.
David Aloysius McCabe.
William Henry Nelson.
Mahlon Fay Perkins.
Kendall Kerfoot Smith.
Samuel Alfred Welldon.
Max William Wolff.

Class of 1905.

Harry Louis Frevert.
James Abram Goldthwaite.
Lewis Wendell Hackett.
Eugene Arthur Hecker.
Frank Richardson Mason.
Gustavus Hill Robinson.
Francis Wollson Snow.
Sidney James Watts.

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The Bowdoin Prizes.

For Dissertations in English.

Undergraduate Prizes.

To Alain Campbell White, of the Senior Class, a first prize of $250 for an essay entitled *The Pleiade and the Preopagus.*

To Harold Witter Bynner, of the Senior Class, a second prize of $200, for an essay entitled *George Meredith's Style.*

Judges: Members of the Standing Committee and Professor James Barr Ames.

Graduate Prize.

To Robert Mearns Yerkes, of the Graduate School, a prize of $300 for an essay on *The Physiology of the Nervous System of Gomonema Murbachii.*

Judges: The Division concerned, members of the Standing Committee, and Professor Charles S. Minot.

For Dissertations in Greek and Latin.

Undergraduate Prizes.

To Dean Putnam Lockwood, of the Junior Class, a prize of $50 for a translation into Latin.

Judges: Mr. W. K. Richardson, of Boston, Professor A. G. Leacock, of Phillips Academy, Exeter.

To Dean Putnam Lockwood, of the Junior Class, a prize of $50 for a translation into Greek.

Judges: Professor C. B. Gulick, Dr. G. H. Chase.

Graduate Prize.

To Joseph Harrison Cole, of the Graduate School 1900–01, a prize of $100 for an essay in Latin.

Judges: Mr. W. K. Richardson, of Boston, Professor A. G. Leacock, of Phillips Academy, Exeter, Dr. W. W. Baker.

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The Boylston Prizes for Elocution.

First Prize.

To Roderic Wellman, of the Junior Class.

Second Prizes.

To Harold Witter Bynner, of the Senior Class.
To Orville Gish Frantz, of the Junior Class.
To Leslie Pinckney Hill, of the Junior Class.

Judges: Mr. Samuel Hoar, Mr. Charles F. Adams, 2d, Professor Ephraim Emerton, Hon. T. Jefferson Coolidge, Dr. William H. Schofield, Mr. Henry W. Foote, Mr. Raynal C. Bolling, Mr. Charles Guild.

The Pasteur Medal.

To Arthur Black, of the Junior Class.

The Coolidge Debating Prizes.

To Isador Grossman, of the Senior Class.
To John Haynes Holmes, of the Senior Class.

The Dante Prize.

To Alain Campbell White, of the Senior Class, the Latham Prize of $100 for an essay entitled *A translation of the Quaestio de Aqua et Terra, and a discussion of its authenticity.*

To Alphonso de Salvio, of the Graduate School, a second prize of $50 for an essay on *The verse endings in the Divina Commedia in which Dante has made "li vocaboli dire nelle sue rime altro che quello ch'erano appo gli altri dicitori usati di sprimere."*

The Sargent Prize.

To Sidney Cornwall Legh, of the Sophomore Class, a prize of $100 for a translation of the *eighth Ode of the fourth Book of Horace.*

Judges: Professors M. Warren, Clifford H. Moore, Mr. Harris.

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The George B. Sohier Prize.

To GEORGE CLARKSON HIRST, of the Senior Class, a prize of $250 for a thesis entitled *Three Ideals of Liberty in English Letters of the Nineteenth Century.*

Judges: The Division of Modern Languages.

The Sales Prize.

To JAMES FRANCIS CONLIN, of the Junior Class, a prize of $45 for a translation into Spanish of Blanco White's Sonnet on Night.

Judges: President ELIOT, Professor MARCOU, Professor FORD.

The Philip Washburn Prize.

To ROLAND GREENE USHER, of the Graduate School, a prize of $75.

Judges: The Department of History and Government.

The Toppan Prize.

[Not awarded.]

The Sumner Prize.

[Not awarded.]

The Bennett Prize.

[Not awarded.]

The Ricardo Prize Scholarship.

To ROBERT WILLIAM MAGRANE, of the Sophomore Class, a prize scholarship of $350.

Judges: The Department of Political Economy.

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HONORS.

SECOND-YEAR HONORS.

In the Classics.

Charles Winfield Brown,	Honors.
Walter Carl Cleveland,	Honors.
Elmer Elbert Craig,	Honors.
Francis Howard Fobes,	Honors.
Walter Renfield Harman,	Honors.
Charles Butler Loughead,	Honors.
Chandler Rathfon Post,	Honors.
Kendall Kerfoot Smith,	Honors.
George Stanley Stevenson,	Honors.
Walter Eugene Clark,	Highest Honors.
Charles Foster Lovejoy,	Highest Honors.

In Mathematics.

John Belton Horne,	Highest Honors.

FINAL HONORS.

In Semitic Languages and History.

Abraham Solomon Waldstein,	Honors.

In Sanskrit.

Truman Michelson,	Honors.

In the Classics.

Hermann Theodor Fick,	Honors.
Alfred Mitchell Dame,	Highest Honors.
Arthur Stanley Pease,	Highest Honors.

In English.

Harold Witter Bynner,	Honors.
Robert Montraville Green,	Honors.
George Clarkson Hirst,	Highest Honors.

In Romance Languages and Literatures.

Alain Campbell White,	Honors.

In Philosophy.

Arthur Stone Dewing,	Honors.
William Hughes Mearns, Ph.B.,	Honors.

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In History and Government.

Walter Harold Claflin,	Honors.
Joseph Aloysius Love,	Honors.
Roland Greene Usher, A.B.,	Highest Honors.

In Political Science.

Charles Newcomb Baxter, S.B.,	Honors.
George Randall Lewis,	Honors.
Albert Benedict Wolfe,	Honors.

In Music.

Henry Leroy Stone, A.B.,	Honors.

In Chemistry.

Fletcher Beach Holmes,	Honors.
Henry Avery Carlton,	Highest Honors.

HONORABLE MENTION.

James Hezekiel Abraham. *Chemistry.*
LeRoy Manson Backus. *Music.*
Arthur Scott Bailey. *Fine Arts.*
Harold Fletcher Barber. *Chemistry.*
Samuel Lewis Barbour. *Mathematics.*
Charles Arthur Barnard. *French.*
Donald Carter Barnes. *Engineering.*
William Bradford Bartlett. *Chemistry.*
Charles Newcomb Baxter, S.B. *History; Economics; Philosophy.*
Warren Egbert Benscoter. *Economics.*
Allen Milton Bernstein. *French.*
Arthur Osborne Bigney, A.B. *Mathematics.*
Archibald Blanchard. *French.*
Richard Howard Bland. *Economics.*
Lawrence Graham Brooks. *Italian and Spanish.*
Harold Milton Bruce. *Music.*
Roscoe Conkling Bruce. *Economics; Philosophy.*
Howard Valentine Bullinger, A.B. *English.*
Alfred Munson Butler. *Chemistry.*
Harold Witter Bynner. *English.*
Antonio Alfredo Capotosto. *French; Italian and Spanish; Economics.*
Glenn Carley. *Economics.*
Henry Avery Carlton. *Chemistry, thrice.*
Guy Fairfax Cary. *French.*

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MERRILL EDWIN CHAMPION. *French.*
REGINALD CHRISTENSON. *Greek; Latin.*
HARRY CHRISTOPHER CHUBB. *Greek.*
WALTER HAROLD CLAFLIN. *History, twice.*
FRANCIS WILLIAM COKER, A.B. *Philosophy.*
CHARLES EMERSON CORSON. *Geology, twice.*
THOMAS MOODY CORSON. *Greek.*
WILLIAM MERRIAM CRANE. *Music.*
ALFRED MITCHELL DAME. *Greek; Latin, twice.*
LUCIEN ADELBERT DAVISON. *Philosophy.*
CYRUS COLE DECOSTER. *History; Economics.*
ARTHUR STONE DEWING. *Philosophy, thrice.*
HOWARD COCKS DICKINSON. *History.*
ALDRICH DURANT. *Engineering, twice.*
WALTER MAUNEY EBY. *Economics; Philosophy.*
RICHARD ELBERT EDWARDS. *Economics.*
ALBERT EHRENFRIED. *French.*
KENNETH BALES EMERSON. *Mathematics.*
FRANK CHENEY FARLEY. *Fine Arts.*
THEODORE BRADSHAW FAY. *Fine Arts.*
GARLAND PETER FERRELL. *Philosophy.*
HERMANN THEODOR FICK. *Greek; Latin, twice.*
GEORGE SHANNON FORBES. *Chemistry, twice.*
JOSEPH FOSTER. *History.*
SANFORD DEWEY FRANCE. *History; Economics.*
GEORGE SMALL FRANKLIN. *History; Economics; Philosophy.*
ADOLPH FRIEDMAN. *Economics.*
JAMES ALONZO GEALEY. *Greek.*
JAMES ANDREW GIBSON. *Chemistry.*
ARTHUR ELDREDGE GODDARD. *Latin.*
JAMES WALTER GOLDTHWAIT. *Geology, twice.*
LOUIS LAWRENCE GREEN. *History.*
ROBERT MONTRAVILLE GREEN. *English; English Composition; Philosophy.*
ERNST HERMANN PAUL GROSSMANN. *German.*
BENNO HUMBERT ALFRED GROTH. *Biology.*
RALPH TRACY HALE. *English, twice.*
RICHARD KING HALE. *Engineering.*
LEOPOLD SPOTTEN HAMBURGER. *History.*
JOSEPH ALFRED HARWOOD. *History.*
WALTER DUTTON HEAD. *German; French.*
GEORGE CLARENCE HINDS. *Chemistry.*
GEORGE CLARKSON HIRST. *Latin; English, twice.*

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CLARENCE WHITMAN HOBBS. *Greek; Mathematics.*
AMOR HOLLINGSWORTH. *English; Fine Arts.*
FLETCHER BEACH HOLMES. *Chemistry, twice.*
JOHN HAYNES HOLMES. *History; Philosophy.*
CHARLES ALBERTUS HOSMER. *French.*
ALEXANDER EDWARD HOYLE. *Greek; Fine Arts.*
HOWARD CLARK HOYT. *Greek; Latin.*
CHARLES EDWARD JACKSON. *Philosophy.*
EDWARD WILLIAM CECIL JACKSON. *History.*
ARTHUR FRANKLIN JOHNSON. *Philosophy.*
CHARLES HENRY JOHNSON. *Economics; Philosophy.*
ARTHUR JAMES JONES. *Economics.*
PAUL HENRY KELSEY. *Greek.*
AUGUSTUS KLOCK. *Chemistry, twice.*
VENICE JOHN LAMB. *Economics.*
JOHN FRANK LANGMAID. *Chemistry, twice.*
EDISON LEWIS. *Geology.*
FREDERIC PERCYVAL LEWIS. *Music.*
PAUL HENRY LINEHAN. *History.*
JOSEPH ALOYSIUS LOVE. *History.*
GEORGE WILLIAM LOW. *Geology, twice.*
RONALD THEODORE LYMAN. *Philosophy.*
HUGH ALOYSIUS MCBREEN. *French; History.*
CLARENCE ALVIN MCCARTHY. *Economics.*
ISLAY FRANCIS MCCORMICK, A.B. *Mathematics.*
WILLIAM SAMSON MCKNIGHT, A.B. *Economics.*
JOHN JOSEPH MALONEY. *Greek.*
HERBERT LEONARD MARSHALL. *French.*
WILLIAM HUGHES MEARNS, Ph.B. *Philosophy.*
WALTER GORDON MERRITT. *Economics.*
JOSEPH MAYO METCALF, A.B. *Mathematics.*
TRUMAN MICHELSON. *Sanskrit.*
ALVA MORRISON. *Economics.*
ARTHUR HOLDREGE MORSE. *History.*
WILLIAM MILLS OTTER. *Economics.*
PHILIP MASON PALMER, A.B. *German.*
ARTHUR STANLEY PEASE. *Greek; Latin.*
CARROLL DURGIN PIPER. *German.*
HAROLD STANLEY POLLARD. *English; French.*
GEORGE WOODMAN PRATT. *Economics.*
ROBIN WILFRED QUIGLEY. *Government; Economics.*
RALPH STUART RAINSFORD. *Engineering.*
CHARLES ALBERT READ. *French.*

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Edwin Gile Rich. *History; Economics.*
George Charles Ristow. *Philosophy.*
Frederick William Russe. *Chemistry, thrice.*
Arthur Julius Schoenfuss. *Chemistry.*
Clifford Seaver. *Engineering.*
Schuyler B Serviss. *Physics.*
Walter James Shepard, A.B. *History.*
Earnest Everett Smith. *History; Economics.*
Roy Channing Southworth. *German; Economics.*
Ernest Harold Sparrow. *Philosophy.*
Wilbur B Sprague, Pd.B. *Philosophy.*
William Claude Stephenson. *Music.*
Emil Herman Stone. *Chemistry.*
Francis Raymond Sturtevant, A.B. *English.*
William Joseph Tarpey. *History; Economics.*
Arthur Whittlesey Towne, S.B. *Philosophy.*
John Bond Trevor. *History; Economics.*
Howard Ruggles Van Law. *English.*
Harold Rollins Wade. *Chemistry.*
Albert Ladd Waldron. *Greek.*
Abraham Solomon Waldstein. *Semitic, twice.*
Frank Lewis Watson. *History.*
Raynor Greenleaf Wellington. *History; Economics.*
Harry Lord Wells. *Philosophy.*
Plumer Wheeler. *Chemistry.*
Alain Campbell White. *Italian and Spanish.*
Allan Hiram Whitman. *Economics.*
Charles Fuller Whitney. *Geology.*
Arthur Fisher Whittem. *French; Italian and Spanish.*
Delano Wight. *Philosophy.*
Henry Joshua Winslow. *History.*
Joseph Rosenfeld Wiseman. *Philosophy.*
Albert Benedict Wolfe. *History; Economics.*
Charles Edmund Young. *French.*

Special Students.

Samuel Margolies. *Semitic, twice.*
*Harry Chapin Smith. *Economics.*
*George Gilbert Whitney. *History.*

* Honorable Mention attained in 1901.

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DEGREES.

On Commencement Day, June 25, 1902, degrees were conferred as follows: —

A.B.

James Warren Adams.
Charles Edward Aldrich, Jr.
Charles Merritt Ambrose.
Philip Drury Atwater.
Arthur Scott Bailey.
Alfred Talbot Baker.
Herbert Sumner Baker.
Guy Bancroft.
Harold Fletcher Barber.
Harrington Barlow.
Charles Arthur Barnard.
Alfred Greenleaf Barnette, Jr., A.B. (*Univ. of Kansas*) 1901.
Paul Bartlett.
Edward Silliman Bates.
Warren Egbert Benscoter.
Arthur Osborne Bigney, A.B. (*Mt. Allison Coll.*) 1901.
Charles Otis Billings.
Crawford Blagden.
Archibald Blanchard.
Richard Howard Bland.
William Parsons Boardman.
Walter Meredith Boothby.
William Graham Bowdoin, Jr.
Robert Bonner Bowler, Jr.
Frank Raymond Boyd.
Eleazar Bradley Boynton.
Joseph Gardner Bradley.
Herman Brandmiller, Jr.
John Hood Branson, PH.B. (*Wooster Univ.*) 1901.
Paul March Brown.
Morris Ruggles Brownell.
Harold Milton Bruce.
Kenneth Pepperrell Budd.
Robert Johns Bulkley.
Howard Valentine Bullinger, A.B. (*Haverford Coll.*) 1901.
Hollis Burgess.
Harold Burnet.
Arthur William Callender.
Guy Edward Carleton.
Glenn Carley.
George Oliver Carpenter, Jr.
Philip Acosta Carroll.
Guy Fairfax Cary.
Samuel Northrup Castle.
Ernest Bunce Chaffee.
Henry Morse Channing.
Laurence Dudley Chapin.
William Francis Chase.
Warren Hunnewell Child.
Morton Le Baron Church.
Louis Crawford Clark, Jr.
John Henry Clifford.
Oren Howard Cobb.
Francis William Coker, A.B. (*Univ. of No. Carolina*) 1899.
Clarence Conant Colby.
William Parker Collier, A.B. (*Univ. of Ohio*) 1895.
Leon John Cook.
Walter Cook, Jr.
Oscar Fulton Cooper.
Richard Joseph Cotter.

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Borden Covel.
Paul Henry Cram.
Robert Jackson Cram.
Gustavus Chambers Crawford, A.B. (*Univ. of New Brunswick*) 1900.
George Bigelow Dabney.
John Washington Davidge.
Lucien Adelbert Davison.
Richard Melville Day.
Cyrus Cole DeCoster, Jr.
Arthur Lithgow Devens, Jr.
Edwin Pierre Dewes.
Howard Cocks Dickinson.
John Adams Dix.
Arthur Sturgis Dixey.
Julian Ellis Dow.
Dennis Sawyer Downes.
James Fisher Dwinell.
Ralph Swain Earle.
Charles Curtis Eaton.
Corbin Edgell.
Emmett Franklin Eldredge.
Henry Ware Eliot, Jr.
Alfred Edward Ells.
Louis Jacob Elsas.
Frederick Ingersoll Emery.
George Bache Emory.
Allen Gehman Eschbach.
Cyrus Wheeler Faxon.
John Van Lear Findlay, Jr., A.B. (*Princeton Univ.*) 1901.
Walter Fischel.
James Henry Fitzpatrick.
Paul Edward Fitzpatrick.
Waldo Emerson Forbes.
Edgar Block Frank.
Channing Frothingham, Jr.
Lawrence Potter Frothingham.
Willard Hayward Frye.
James Alonzo Gealey.
William Henry George, A.B. (*Geneva Coll.*) 1900.
James Andrew Gibson.
Joseph William Gilles.
Henry White Godfrey.
Robert Goelet.
Robert Walton Goelet.
Roscoe Harris Goodell.
Elbridge Howe Greene.
Joseph Clark Grew.
Evan Warren Griffiths, A.B. (*Ohio Wesleyan Univ.*) 1895.
Arthur Heywood Griswold.
Royal Arthur Grosenbaugh, A.B. (*Albion Coll.*) 1901.
Ernst Hermann Paul Grossmann.
Arthur Wellesley Hall.
Leopold Spotten Hamburger.
Edward William Hamill, A.B. (*Ohio Wesleyan Univ.*) 1901.
Joseph Bradford Hardon, Jr.
Frank Wilbur Harris.
Dudley Nickerson Hartt.
Jacob Foster Hill.
George Clarence Hinds.
Samuel Horace Hodgin, A.B. (*Guilford Coll.*) 1895, A.B. (*Haverford Coll.*) 1898.
William Wickham Hoffman.
Burr Allen Hollister.
Sydney Archibald Holyoke, A.B. (*Kings Coll.*) 1900.
Parker Morse Hooper.
Charles Albertus Hosmer.
Francis Cary Hoyt.
George Harvey Hull, 3d.
Charles Joseph Hurley.
Gordon Hutchins.
Horace Bright Ingalls.
Grenville Howland Ingalsbe.
Edward William Cecil Jackson.
Benjamin Percy James, MUS.B. (*Trinity Coll., Toronto*) 1896.
Robert Foster Janes.
Arthur Franklin Johnson.
Frederic Kennard Jones.

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John Price Jones.
Raymond Morris Kaufmann.
Vincent Aloysius Keenan.
Charles Pierce Kendall.
Chester Harding King.
Roger Kinnicutt.
Henry Swift Knowles.
Thomas Charles Knowles.
Paul Victor Adolf Koechl.
Francis Alexander Lackner.
William Edwards Ladd.
Richard Lawrence.
Edgar Crawford Leaycraft.
Sears Lehmann.
Edison Lewis.
Halstead Lindsley.
William Clarence Lodge.
John Adrian McAleer.
Islay Francis McCormick, A.B. (*Bowdoin Coll.*) 1900.
John Albert MacDonnell.
Bergan Arling Mackinnon.
William Samson McKnight, A.B. (*Univ. of New Brunswick*) 1901.
Norman Murray MacLeod.
William Everett McNeill, A.B. (*Acadia Coll.*) 1900.
John Joseph Maloney.
George Marsh.
William Woodruff Marston.
Walter James Mayers.
Gilbert Simrall Meem, Jr.
Walter Gordon Merritt.
Carleton Ray Metcalf.
Edward Harris Metcalf.
Ernest Turner Harris Metcalf.
Joseph Mayo Metcalf, A.B. (*Oberlin Coll.*) 1901.
Charles Leo Moran.
Caspar Wistar Morris.
Alva Morrison.
Edward Motley.
John Lothrop Motley.
Hallam Leonard Movius.
William Emery Mulliken.
John Clement Myers.
Charles Freeman Nevens.
Charles Augustus Norwood.
James Eugene O'Connell.
Edward Francis O'Dowd.
James Archer O'Reilly.
William Mills Otter.
Philip Mason Palmer, A.B. (*Bowdoin Coll.*) 1900.
Frank Peter Parker, Jr.
George Nelson Parker.
Charles Samuel Peabody.
Edmund Lester Pearson.
Bradford Hendrick Peirce.
Charles Platt, 3d.
Arthur Kendrick Pope.
Charles Irving Porter.
Irwin LaVerne Powers.
George Woodman Pratt.
Arnold Smith Proudfoot.
Leon Woodbury Rand.
Charles Albert Read.
Charles Tiffany Richardson.
Edward Peirson Richardson.
George Homer Richardson.
Lincoln Ware Riddle.
Ralph Walter Robbins.
Leonard George Robinson.
Clifford Reynolds Rogers.
Leo Abraham Rogers.
Robert Roughan.
John Carter Rowley.
Charles David Russell.
Charles Theodore Russell, 2d.
Herbert Alexander Sage, PH.B. (*Emory Coll.*) 1900.
George Clare St. John.
William Andrew Saks.
Charles Sprague Sargent, Jr.
Frank Melvin Sawtell.
John Mills Sawyer.

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Robert William Sawyer, Jr.
William Pomeroy Sayre.
Henry Schlesinger.
Charles Oesting Schuler.
Charles Hodgdon Schweppe.
Andrew Edward Scott.
Richard Gordon Scott.
Russell Gordon Scott.
Schuyler Fiske Seager.
Charles Frederic Seaverns, A.B. (*Colby Coll.*) 1901.
Warren Abner Seavey.
George Maurice Sheahan.
Joseph Henry Shirk.
Walter Shuebruk.
Earnest Everett Smith.
James Hopkins Smith, Jr.
Joseph Madison Sniffen.
Wilbur B Sprague, PD.B. (*N. Y. State Norm. Coll.*) 1897.
John Weiss Stedman.
Harold Dean Stickney.
Herbert King Stockton.
Russell Sturgis.
Francis Raymond Sturtevant, A.B. (*Trinity Coll.*) 1901.
Frank Eliot Sweetser, Jr.
Carl Alden Sylvester.
Philip Haskell Sylvester.
John Edward Talbot.
Arthur White Talmadge.
Garfield Joseph Taussig.
Philip Livingston Thomson, A.B. (*Union Univ.*) 1900.
Philip Wingate Thomson.
Richard King Thorndike.
Arthur Whittlesey Towne, S.B. (*Amherst Coll.*) 1901.
Dudley Tyng.
Alexander Philip Wadsworth.
Willard Wadsworth.
Alexander Wall.
Austin Edward Wallace, Jr.
Frederick Wallace.
Moses Weld Ware.
Storer Preble Ware.
Louis Brandeis Wehle.
Arthur William Weil.
Clifford Giddings Wells.
Harrison Weymouth.
Plumer Wheeler.
Loomis Laurence White.
Charles Fuller Whitney.
Hayward Parker Whittington.
Edward Webster Whorf.
Warland Wight.
Bradlee Williams.
Edward Cary Williams.
Holden Pierce Williams.
Joseph Grinnell Willis.
Charles Harold Wilson.
Henry Joshua Winslow.
Alfred Winsor, Jr.
Joseph Rosenfeld Wiseman.
Fred Francis Zelle.

A.B. cum laude.

[*Assigned a Disquisition on Commencement Day.*]

Harry Morgan Ayres.
LeRoy Manson Backus.
Samuel Lewis Barbour.
Roger Conant Barnard.
Donald Carter Barnes.
William Bradford Bartlett.
Allen Milton Bernstein.
Lawrence Livingston Bing.
Clifton Hartwell Brewer.
Lawrence Graham Brooks.
Walter Lyman Bryant.
Thomas Stacey Bubier.

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Harry Christopher Chubb.
Charles Anson Coons.
Charles Emerson Corson.
William Merriam Crane.
Millard Garfield Cumming.
Aldrich Durant.
Walter Mauney Eby.
Richard Elbert Edwards.
Albert Ehrenfried.
Frank Cheney Farley.
John Smith Farlow.
Nathaniel Wales Faxon.
Theodore Bradshaw Fay.
Garland Pierre Ferrell.
Joseph Foster, Jr.
John Francis Gough.
Donald Gregg.
Benno-Humbert Alfred Groth.
Clifton Ham.
Ralph Mahon Henderson.
Charles Wentworth Hoyt.
Francis Welles Hunnewell, 2d.
Charles Edward Jackson.
Charles Henry Johnson.
Daniel Wright Kittredge.
Augustus Klock.
Hugo Kratzenstein.
Frank Robinson Lacy.
John Frank Langmaid.
Paul Henry Linehan.
Ronald Theodore Lyman.
Lawrence William Lyons.
Hugh Aloysius McBreen.
Charles Penderghast McCarthy.
Clarence Alvin McCarthy.
James Frederick Mason.
Charles Green Montross.
Arthur Holdrege Morse.
Remsen Brinckerhoff Ogilby.
Wolcott Homer Pitkin, Jr.
Robin Wilfred Quigley.
Ralph Stuart Rainsford.
Allen Galpin Rice.
Edwin Gile Rich.
George Charles Ristow.
Richard Littlehale Saville.
Wilbur Augustus Sawyer.
Arthur Julius Schoenfuss.
Clifford Seaver.
Schuyler B Serviss.
Roy Channing Southworth.
Ernest Harold Sparrow.
Walter Richardson Spofford.
William Claude Stephenson.
William Joseph Tarpey.
John Bond Trevor.
Martin Harley Urner.
Harold Rollins Wade.
Albert Ladd Waldron.
Frank Lewis Watson.
Harry Lord Wells.
Barrett Wendell, Jr.
Percy Linwood Whiting.
Robert Bates Whitney.
Delano Wight.
Harry Oscar Wood.

A.B. magna cum laude.

[*Assigned a Dissertation on Commencement Day.*]

James Hezekiel Abraham.
Charles Newcomb Baxter, S.B. (*Mass. Agr'l Coll.*) 1898.
John Amory Lowell Blake.
Roscoe Conkling Bruce.
Alfred Munson Butler.
Harold Witter Bynner.
Antonio Alfredo Capotosto.
Merrill Edwin Champion.
Reginald Christenson.
Walter Harold Claflin.
Thomas Moody Corson.

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Elton Gray Cushman.
Arthur Stone Dewing.
Kenneth Bales Emerson.
Hermann Theodor Fick.
Sanford Dewey France.
Edward Eells Franchot.
George Small Franklin.
Adolph Friedman.
Donald Deane Frye Garcelon.
Arthur Eldredge Goddard.
James Walter Goldthwait.
Louis Lawrence Green.
Isador Grossman.
Richard King Hale.
Ralph Tracy Hale.
Joseph Alfred Harwood.
Walter Dutton Head.
Clarence Whitman Hobbs, Jr.
Amor Hollingsworth.
Fletcher Beach Holmes.
Alexander Edward Hoyle.
Howard Clark Hoyt.
Arthur James Jones.
Paul Henry Kelsey.
Venice John Lamb.
Roger Irving Lee.
Edward Hance Letchworth.
Frederic Percyval Lewis.
George Randall Lewis.
Joseph Aloysius Love.
George William Low.
Herbert Leonard Marshall.
William Hughes Mearns, PH.B. (*Illinois Wesleyan Univ.*) 1899.
Truman Michelson.
Edmund Morris Morgan, Jr.
Carroll Durgin Piper.
Harold Stanley Pollard.
David Reuben Radovsky.
Frederick William Russe.
Walter James Shepard, A.B. (*Willamette Univ.*) 1900.
Charles Sanford Stanton.
Emil Herman Stone.
Herbert Cahoone Thorndike.
Howard Ruggles Van Law.
Alain Campbell White.
Allan Hiram Whitman.
Arthur Fisher Whittem.
Albert Benedict Wolfe.
Charles Edmund Young.

A.B. summa cum laude.

[*Assigned an Oration on Commencement Day.*]

Henry Avery Carlton.
Alfred Mitchell Dame.
George Shannon Forbes.
Robert Montraville Green.
George Clarkson Hirst.
John Haynes Holmes.
Arthur Stanley Pease.
Raynor Greenleaf Wellington.

A.B. (*Out of Course.*)

John Torrey Linzee, as of the class of 1877.
Edward Peter Pierce, as of the class of 1877.
Frederick Jackson Wiley, as of the class of 1877.
Woodbury Kane, as of the class of 1882.
Charles Inches Sturgis, as of the class of 1882.
Lewis Adams Fales, as of the class of 1898.
Harry Edgar Gibby, as of the class of 1898.

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Percy Adams Hutchison, as of the class of 1898.
James Brewer, as of the class of 1900.
Truman Ripley Hawley, as of the class of 1900.
Richard Emerson Pope, as of the class of 1900.
Louis Henry Bonelli, as of the class of 1901.
Benjamin Boss, as of the class of 1901.
Arthur Jerome Boynton, as of the class of 1901.
Patrick Henry Carey, as of the class of 1901.
Arthur Eckfeldt Corbin, as of the class of 1901.
Simon Edward Duffin, as of the class of 1901.
Roger Sumner Hardy, as of the class of 1901.
Charles Sampson Kelley, as of the class of 1901.
Robert William James Kingan, as of the class of 1901.
Harris Livermore, as of the class of 1901.
Peter Arthur McIntyre, as of the class of 1901.
Francis Hiram Merrill, Jr., as of the class of 1901.
Francis Prescott, as of the class of 1901.
John James Regan, as of the class of 1901.
Daniel Magone Spratt, as of the class of 1901.
Claude Snider Snively, as of the class of 1901.
Frederick Joseph Slattery, as of the class of 1901.
Mark Hunking Wentworth, as of the class of 1901.
Alexander Hamilton Wheeler, as of the class of 1901.
David Charlton Williams, as of the class of 1901.
Harold Brent Wrenn, as of the class of 1901.

S.B.

Max George Andres (*Architecture*).
Milton Jacob Bach (*General Science*).
Charles Herbert Baker (*Mechanical Engineering*).
Francis Lowell Burnett (*Anatomy, etc.*).
Harry Carlton Burns (*Architecture*).
David Colin Campbell (*General Science*).
José Augusto Luis Raimundo Aymar Camprubi, A.B. 1901 (*Civil and Topographical Engineering*).
Howard Hastings Carroll (*General Science*).
James Oakley Carson (*General Science*).
Tileston Chickering (*General Science*).
Bernard Cunniff (*Mining and Metallurgy*).
Albert Dodge, Jr. (*Mining and Metallurgy*).
Ernest Irvin Doe (*Mechanical Engineering*).
Harry Chittenden Dudley (*Mining and Metallurgy*).
Leland Turner Dutton (*Chemistry*).

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William Dearborn Eaton (*General Science*).
Stanly Hall Eldridge (*General Science*).
Richard Standish Francis (*General Science*).
James Hunter Gault (*General Science*).
Henry May Gittings (*General Science*).
Ralph Weller Greenlaw (*General Science*).
George Francis Henneberry (*General Science*).
Herbert Bissell House (*General Science*).
Arthur Iselin (*General Science*).
Joseph Jenson (*Mechanical Engineering*).
Frank Ortelle Johnson (*General Science*).
Richard Croswell Johnson (*General Science*).
Charles Downing Lay (*Landscape Architecture*).
Josiah Orne Low (*General Science*).
Barnard Coffin Luce (*General Science*).
Lewis Bell McCornick (*General Science*).
Eugene Adams McKelvy (*Mining and Metallurgy*).
George Louis Julien Meylan, M.D. (*Univ. of New York*) 1896 (*General Science*).
Edwin Walter Mills (*General Science*).
Eduard Heine Moeller (*Architecture*).
Landon Clarence Moore (*Chemistry*).
Gurdon Saltonstall Mumford (*General Science*).
Royal Kellum Peirce (*Mechanical Engineering*).
Townsend Baldwin Pettit (*General Science*).
Gouverneur Morris Phelps (*General Science*).
Nelson Grant Ritchie (*General Science*).
Frank Heath Rossiter (*General Science*).
Sidney Kent Singer (*Chemistry*).
Roy Eliot Sturtevant, A.B. 1901 (*General Science*).
Chester Sargent Walker (*Chemistry*).
Robert Salisbury Walker (*Civil and Topographical Engineering*).
John Henry Gardner Williams (*General Science*).
John Barthol Winter (*Electrical Engineering*).
William Barry Wood (*General Science*).
Alfred Millard Wose, M.D. 1901 (*Anatomy, etc.*).

S.B. cum laude.

Huntington Adams, A.B. 1901 (*General Science*).
Davenport Brown, A.B. 1901 (*General Science*).
Leroy Pearl Burnham (*Architecture*).
Joseph Henry Converse, 2d (*Anatomy, etc.*).
Vincent Morse Frost (*Mechanical Engineering*).

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Marcus Isaac Goldman, A.B. 1901 (*General Science*).
George Byron Gordon (*General Science*).
Frank Lorimer Jones (*Civil and Topographical Engineering*).
Clarence Haskell Lander, S.B. (*Univ. of Mich.*) 1897 (*General Science*).
Alfred Reynolds Lincoln (*General Science*).
Henry Weidemann Locke (*Electrical Engineering*).
Charles Herbert Morrill (*General Science*).
Robert Raphael Pollak (*Civil and Topographical Engineering*).
Allen Lane Snyder (*Electrical Engineering*).
Nathaniel Augustine Thayer (*Civil and Topographical Engineering*).

S.B. magna cum laude.

Bruce Borland, A.B. 1901 (*Civil and Topographical Engineering*).
Julian Dwight Chase (*Mechanical Engineering*).
Richard Wiggin Drown (*Mechanical Engineering*).
Hoyt Stoddard Gale, A.B. 1900 (*General Science*).
John Robert Johnston (*Biology*).
Edmund Quincy Moses (*Mechanical Engineering*).
William Arthur Pownall (*Mechanical Engineering*).
Homer Charles Wheeler (*Mechanical Engineering*).
Frederick Mason Wilder (*Science for Teachers*).
Herbert Joseph Wiswell (*Mining and Metallurgy*).

S.B. summa cum laude.

Francis Gragg Richards (*Mining and Metallurgy*).

S.B. (*Out of course.*)

Bernard Richardson Green (*General Science*), as of the class of 1864.
Motte Allston Read (*Geology*), as of the class of 1893.
William Hargrave Kelsey (*General Science*), as of the class of 1897.
Lockett Gwin Coleman (*General Science*), as of the class of 1900.
Lucien Eaton (*Mining and Metallurgy*), as of the class of 1901.
Frederic Wade Hitchings (*Anatomy, etc.*), as of the class of 1901.
Wyman Whittemore (*Anatomy, etc.*), as of the class of 1901.

A.M.

Lewis Darwin Ames, LITT.B. (*Univ. of the State of Missouri*) 1899, A.B. (*Harvard Univ.*) 1901.
Gustavus Adolphus Anderegg, S.B. (*Oberlin Coll.*) 1899, A.B. (*Harvard Univ.*) 1900.
Nathaniel Horton Batchelder, A.B. 1901.

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Joseph Warren Beach, A.B. (*Univ. of Minnesota*) 1900.
George William Bell, A.B. (*Boston Univ.*) 1897, A.M. (*ibid.*) 1900.
Foster Partridge Boswell, A.B. (*Hobart Coll.*) 1901.
John William Bradshaw, A.B. (*Univ. of Michigan*) 1900.
Oliver Winslow Branch, A.B. 1901.
Ammi Brown, A.B. 1897.
Robert Marshall Brown, A.B. (*Brown Univ.*) 1893.
Frederick Robertson Bryson, A.B. (*Vanderbilt Univ.*) 1899, A.B. (*Harvard Univ.*) 1901.
Arthur Ela Buck, A.B. (*Dartmouth Coll.*) 1901.
Stephen Hayes Bush, A.B. 1901.
William Henry Bussey, A.B. (*Northwestern Univ.*) 1900, A.B. (*Harvard Univ.*) 1901.
Frederic Walton Carpenter, S.B. (*New York Univ.*) 1899.
Charles Henry Carter, A.B. (*Haverford Coll.*) 1900, A.M. (*ibid.*) 1901.
Harrie Rogers Chamberlin, A.B. 1901.
Thomas Herbert Chase, A.B. (*Haverford Coll.*) 1884, A.B. (*Harvard Univ.*) 1885.
William Hall Clawson, A.B. (*Univ. of New Brunswick*) 1900, A.B. (*Harvard Univ.*) 1901.
Harold Loomis Cleasby, A.B. (*Trinity Coll.*) 1899, A.M. (*ibid.*) 1901.
William Arnold Colwell, A.B. (*Denison Univ.*) 1899.
Francis Reeve Cope, Jr., A.B. (*Haverford Coll.*) 1900, A.B. (*Harvard Univ.*) 1901.
Sumner Crosby, A.B. 1901.
Herbert Richard Cross, A.B. (*Brown Univ.*) 1900, A.B. (*Harvard Univ.*) 1901.
Vanderveer Custis, A.B. 1901.
William James Dixon, A.B. (*Univ. of Cambridge, England*) 1890, S.T.B. (*Episcopal Theol. School, Cambridge*) 1901.
George Rowland Dodson, A.B. (*Univ. of the State of Missouri*) 1887.
Carroll Warren Doten, PH.B. (*Univ. of Vermont*) 1895, A.M. (*ibid.*) 1899.
Henry William Dubée, A.B. (*Lombard Univ.*) 1899, A.B. (*Harvard Univ.*) 1900.
Carlton Lincoln Ellison, A.B. 1901.
Arthur Llewellyn Eno, A.B. (*Brown Univ.*) 1895, A.M. (*Univ. of Vermont*) 1899.
Augustus Hemenway Eustis, A.B. 1901.
Frederic Augustus Eustis, A.B. 1901.
Floyd Field, A.B. (*Willamette Univ.*) 1897, A.B. (*Harvard Univ.*) 1900.
Charles Edward Fisher, A.B. (*Iowa Coll.*) 1899, A.B. (*Harvard Univ.*) 1901.
Augustus Henry Fiske, A.B. 1901.

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Louis William Flaccus, A.B. (*Washington and Jefferson Coll.*) 1900.
James Grant Forbes, A.B. 1901.
Norman Freudenberger, A.B. (*Univ. of the State of Missouri*) 1900, A.M. (*ibid.*) 1901.
Charles Edmund Fryer, PH.B. (*Univ. of California*) 1899.
Apthorp Gould Fuller, A.B. 1900.
William Brown Hale, A.B. (*Yale Univ.*) 1898, LL.B. (*Northwestern Univ.*) 1901.
Harold Ripley Hastings, A.B. (*Dartmouth Coll.*) 1900.
Samuel Hirshberg, HEB.B. (*Hebrew Union Coll.*) 1887, RABBI (*ibid.*) 1891, LITT.B. (*Univ. of Cincinnati*) 1891.
William Ernest Hocking, A.B. 1901.
John L Hogg, A.B. (*Univ. of Toronto*) 1899.
Ellsworth Huntington, A.B. (*Beloit Coll.*) 1897.
Percy Adams Hutchison, A.B. 1898.
Henry Minor Huxley, A.B. 1899.
Gordon Ireland, A.B. 1901.
John Francis Jennings, A.B. 1901.
John Cecil Jones, A.B. (*Acadia Univ.*) 1900, A.M. (*ibid.*) 1901.
William Alexander Robb Kerr, A.B. (*Univ. of Toronto*) 1899, A.M. (*ibid.*) 1901.
Everett Kimball, A.B. (*Amherst Coll.*) 1896, A.M. (*ibid.*) 1899.
Fred Austin Knapp, A.B. (*Bates Coll.*) 1896.
Walter Larabee Leighton, A.B. 1901.
John Richards Locke, A.B. 1901.
Frederick Warren Lovejoy, Jr., A.B. 1901.
Dorsey Alfred Lyon, A.B. (*Leland Stanford Jr. Univ.*) 1898.
Ray Madding McConnell, A.B. (*Southern Univ.*) 1899, S.T.B. (*Vanderbilt Univ.*) 1901.
Adoniram Judson Marshall, A.B. 1898.
Leon Carroll Marshall, A.B. (*Ohio Wesleyan Univ.*) 1900, A.B. (*Harvard Univ.*) 1901.
Emerson Waldo Matthews, A.B. (*Butler Univ.*) 1891.
Junius Lathrop Meriam, A.B. (*Oberlin Coll.*) 1895, PD.B. (*New York State Normal Coll.*) 1898.
Francis Hiram Merrill, Jr.
Owen Orville Miller, A.B. (*Indiana Univ.*) 1900, A.B. (*Harvard Univ.*) 1901.
George Parker Milne, A.B. 1901.
Archibald Ellsworth Minard, A.B. 1901.
Gilbert Holland Montague, A.B. 1901.
Cecil Albert Moore, A.M. (*Southwestern Baptist Univ.*) 1898, A.B. (*Harvard Univ.*) 1901.

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Robert Morris, A.B. (*Univ. of Nashville*) 1897, A.B. (*West Virginia Univ.*) 1899, LL.B. (*ibid.*) 1899, A.M. (*ibid.*) 1900.
Frederic William Morrison, A.B. 1900.
Harvey Field Newhall, A.B. 1901.
William Abbott Oldfather, A.B. (*Hanover Coll.*) 1900, A.B. (*Harvard Univ.*) 1901.
Frederic Logan Paxson, S.B. (*Univ. of Pennsylvania*) 1898.
Joseph Leishman Peacock, A.B. (*Brown Univ.*) 1900.
Torsten Petersson, A.B. 1901.
Amon Benton Plowman, S.B. (*Ohio Wesleyan Univ.*) 1899.
Fred Elmer Pomeroy, A.B. (*Bates Coll.*) 1899.
William Hyde Price, A.B. (*Tufts Coll.*) 1901, A.M. (*ibid.*) 1901.
Andrew Paul Raggio, A.B. (*Univ. of Texas*) 1896.
Charles Brewster Randolph, A.B. (*Wabash Coll.*) 1896.
Hobart Rawson, A.B. 1901.
William Thomas Reid, Jr., A.B. 1901.
Frederick William Reynolds, S.B. (*Univ. of Utah*) 1895, A.B. (*Harvard Univ.*) 1900.
David Camp Rogers, A.B. (*Princeton Univ.*) 1901.
John Pitts Sanborn, Jr., A.B. 1900.
George Harvey Scott, A.B. (*Univ. of Illinois*) 1896.
Walter Edwin Severance, A.B. 1895.
Edward Albert Sherman, A.B. 1901.
Charles Thomas Smith, A.B. 1901.
Elmer Ernest Southard, A.B. 1897, M.D. 1901.
Ernest Leonard Spaulding, A.B. (*Tufts Coll.*) 1900.
Henry Leroy Stone, A.B. 1901.
Reuben Cyril Hill Thompson, A.B. (*McMinnville Coll.*) 1899, A.B. (*Harvard Univ.*) 1901.
Samuel Thurber, Jr., A.B. 1901.
Carl Hoyt Trowbridge, A.B. (*Pritchett Coll.*) 1893, A.M. (*ibid.*) 1900, A.B. (*Harvard Univ.*) 1901.
Roland Greene Usher, A.B. 1901.
Frederick Herman Verhoeff, PH.B. (*Yale Univ.*) 1895, M.D. (*Johns Hopkins Univ.*) 1899.
Samuel Frye Walcott, A.B. 1901.
Francis Cox Walker, A.B. (*Univ. of New Brunswick*) 1892, A.B. (*Harvard Univ.*) 1894.
Olin Dantzler Wannamaker, A.B. (*Wofford Coll.*) 1896, A.M. (*Vanderbilt Univ.*) 1900.
William Hane Wannamaker, A.B. (*Wofford Coll.*) 1895, A.M. (*Trinity Coll., N.C.*) 1901.
Charles Henry White, S.B. (*Univ. of North Carolina*) 1894, S.B. (*Harvard Univ.*) 1897.

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Arthur Bryant Whitney, A.B. (*Tufts Coll.*) 1899.
Howard Brown Woolston, A.B. (*Yale Univ.*) 1898, S.T.B. (*Univ. of Chicago*) 1901.
Chester Whitney Wright, A.B. 1901.
Ernest Alfred Wye, A.B. 1901.
Arthur Dickinson Wyman, A.B. 1901.
Karl Young, A.B. (*Univ. of Michigan*) 1901.

A.M. (*Out of course.*)

Percy Waldron Long, A.B. 1898, as of 1900.
George Clarence Arvedson, A.B. 1899, as of 1901.
Ernest Everett Bogue, S.B. (*Ohio State Univ.*) 1894, S.M. (*ibid.*) 1896, as of 1901.
Knight Dunlap, PH.B. (*Univ. of California*) 1899, LITT.M. (*ibid.*) 1900, as of 1901.
Charles Woodroffe Harvey, A.B. 1899, as of 1901.
Watson Clark Lea, PH.B. (*Oberlin Coll.*) 1893, as of 1901.
Edmund Roberts Marvin, A.B. 1899, as of 1901.
Edwin Bryant Nichols, A.B. (*Wesleyan Univ.*) 1894, as of 1901.
Edwin William Pahlow, LITT.B. (*Univ. of Wisconsin*) 1899, LITT.M. (*ibid.*) 1900, as of 1901.
Roswell Foulk Phelps, S.B. (*Amherst Coll.*) 1899, A.B. (*Harvard Univ.*) 1900, as of 1901.

S.M.

Gustave Edward Behr, Jr., S.B. (*Polytechnic Inst. of Brooklyn*) 1899 (*Chemistry*).
Frederic Bonnet, Jr., S.B. (*Washington Univ., Mo.*) 1899 (*Chemistry*).
Stanley Cunningham, Jr., A.B. 1901 (*Engineering*).
Lucien Eaton, A.B. 1900 (*Geology*).
Frank Roy Fraprie, S.B. 1898 (*Chemistry*).
George Harold Grant, A.B. (*McMaster Univ.*) 1900, S.B. (*Harvard Univ.*) 1901 (*Geology*).
Harry Peters Henderson, A.B. 1901 (*Geology*).
Silas Frank Poole, S.B. (*Amherst Coll.*) 1898, S.B. (*Harvard Univ.*) 1901 (*Biology*).

Ph.D.

Ebenezer Henry Archibald, S.B. (*Dalhousie Univ.*) 1897, S.M. (*ibid.*) 1898, A.M. (*Harvard Univ.*) 1900.
Department, Chemistry. *Subject*, Inorganic Chemistry.
Thesis, "The Atomic Weight of Caesium."

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Robert Stanley Breed, S.B. (*Amherst Coll.*) 1898, S.M. (*Univ. of Colorado*) 1899.

Department, Biology. *Subject*, Zoölogy.

Thesis, "The Metamorphosis of the Muscles of a Beetle (Thymalus marginicollis, Chevr.)."

Frederick Alexander Bushée, LITT.B. (*Dartmouth Coll.*) 1894, A.M. (*Harvard Univ.*) 1898.

Department, Political Science. *Subject*, Sociology.

Thesis, "Ethnic Factors in the Population of Boston."

Donald Cameron, A.B. (*Univ. of Texas*) 1895, A.M. (*ibid.*) 1896, A.M. (*Harvard Univ.*) 1900.

Department, Philology. *Subject*, Classical Philology.

Thesis, "Quae in Festi Sententiis et Oratione a Paulo mutata sint quaeritur."

Frank Lowry Clark, A.B. (*Amherst Coll.*) 1894, A.M. (*Harvard Univ.*) 1899.

Department, Philology. *Subject*, Classical Philology.

Thesis, "Qua Ratione Platonis laudandi usus sit Clemens Alexandrinus quaeritur."

Thatcher Clark, A.B. (*Columbian Univ.*) 1898, A.M. (*Harvard Univ.*) 1899.

Department, Philology. *Subject*, Romance Philology.

Thesis, "Long unaccented final *e*, in Latin, does not phonetically become *i* in Italian."

William Wistar Comfort, A.B. (*Haverford Coll.*) 1894, A.B. (*Harvard Univ.*) 1895, A.M. (*ibid.*) 1896.

Department, Philology. *Subject*, Romance Philology.

Thesis, "The Development of the Character Types in the French *Chansons de geste*."

Otto Dunkel, A.B. (*Univ. of Virginia*) 1898, A.M. (*ibid.*) 1898, A.M. (*Harvard Univ.*) 1899.

Department, Mathematics. *Subject*, Analysis.

Thesis, "Regular Singular Points of a System of Homogeneous Linear Differential Equations of the First Order."

Harold deWolf Fuller, A.B. (*Adelbert Coll.*) 1897, A.B. (*Harvard Univ.*) 1898, A.M. (*ibid.*) 1900.

Department, Philology. *Subject*, English Philology.

Thesis, "The Sources and Authorship of Titus Andronicus."

William Jay Hale, A.B. (*Miami Univ.*) 1897, A.M. (*ibid.*) 1897, A.B. (*Harvard Univ.*) 1898, A.M. (*ibid.*) 1899.

Department, Chemistry. *Subject*, Organic Chemistry.

Thesis, I, "On the Oximes of Nitromalonic Aldehyde." II, "On the Condensation of Nitromalonic Aldehyde with Benzylmethyl Ketone."

Digitized by Google

Joseph William Hewitt, A.B. (*Bowdoin Coll.*) 1897, A.M. (*ibid.*) 1899, A.M. (*Harvard Univ.*) 1900.

Department, Philology. *Subject*, Classical Philology.

Thesis, "De Rationibus Jovis Graecorum placandi Capitula."

Walter David Hopkins, A.B. (*Cornell Univ.*) 1893, A.M. (*Harvard Univ.*) 1900.

Department, Philology. *Subject*, Indic Philology.

Thesis, "Hindu Family Life as set forth in the Jātakas."

Prentiss Cheney Hoyt, A.B. (*Middlebury Coll.*) 1889, A.M. (*ibid.*) 1892, A.M. (*Harvard Univ.*) 1899.

Department, Philology. *Subject*, English Philology.

Thesis, "The Anturs of Arther at the Tarne Wathelan."

Cyrus Ambrose King, A.B. (*Indiana Univ.*) 1893, A.B. (*Harvard Univ.*) 1897, A.M. (*ibid.*) 1898.

Department, Biology. *Subject*, Botany.

Thesis, "Observations on the Cytology of Araiosfora pulchra, Thaxter."

Frederick Meakin, A.B. (*Antioch Coll.*) 1875, S.T.B. (*Harvard Univ.*) 1878, A.M. (*ibid.*) 1901.

Department, Philosophy. *Subject*, Psychology.

Thesis, "Inhibition of Ideas."

Roger Bigelow Merriman, A.B. 1896, A.M. 1897, LITT.B. (*Univ. of Oxford*) 1899.

Department, History. *Subject*, English History.

Thesis, "The Life and Letters of Thomas Cromwell."

Sylvanus Griswold Morley, A.B. (*Tufts Coll.*) 1898, A.M. (*Harvard Univ.*) 1899.

Department, Philology. *Subject*, Romance Philology.

Thesis, "Spanish Influence on Molière."

Edgar William Olive, S.B. (*Wabash Coll.*) 1893, S.M. (*ibid.*) 1895, A.M. (*Harvard Univ.*) 1897.

Department, Biology. *Subject*, Botany.

Thesis, "A Monograph of the Acrasieae."

Francis Samuel Philbrick, S.B. (*Univ. of Nebraska*) 1897, A.M. (*ibid.*) 1899.

Department, History. *Subject*, American History.

Thesis, "The Relations of the United States and Cuba to 1830."

Carleton Estey Preston, A.B. 1899, A.M. 1900.

Department, Biology. *Subject*, Botany.

Thesis, "Structural and Ecological Studies on Desert Vegetation."

Lewis Reichle, A.B. (*Univ. of Michigan*) 1893, A.M. (*ibid.*) 1894, A.M. (*Harvard Univ.*) 1899.

Department, Philology. *Subject*, Classical Philology.

Thesis, "De *ab de ex* Praepositionum in Inscriptionibus Usu."

Digitized by Google

Carl Cosmo Rice, A.B. (*Univ. of Texas*) 1897, A.M. (*ibid.*) 1899, A.M. (*Harvard Univ.*) 1900.

Department, Philology. *Subject*, Romance Philology.

Thesis, "The Phonology of Gallic Clerical Latin after the Sixth Century."

William Martin Smallwood, A.B. (*Syracuse Univ.*) 1896, A.M. (*ibid.*) 1897.

Department, Biology. *Subject*, Zoölogy.

Thesis, "The Maturation, Fertilization, and Early Cleavage of Bulla solitaria."

Joseph Parker Warren, A.B. 1896, A.M. 1897.

Department, History. *Subject*, Government.

Thesis, "The Shays Rebellion."

John Calvin Watson, A.B. (*Eureka Coll.*) 1892, A.B. (*Harvard Univ.*) 1894, A.M. (*ibid.*) 1900.

Department, Philology. *Subject*, Classical Philology.

Thesis, "De Scaenarum Titulis Imaginibusque Personarum Terentianis in Codicibus Pictis."

Kenneth Grant Tremayne Webster, A.B. (*Dalhousie Univ.*) 1892, A.B. (*Harvard Univ.*) 1893, A.M. (*ibid.*) 1894.

Department, Philology. *Subject*, English Philology.

Thesis, "Lancelot and Guinevere: A Study in the Origins of Arthurian Romance."

Willis Patten Woodman, A.B. 1895, A.M. 1896.

Department, Philology. *Subject*, Classical Philology.

Thesis, "De Arte Piscandi apud Antiquos Graecos."

Robert Mearns Yerkes, A.B. (*Ursinus Coll.*) 1897, A.B. (*Harvard Univ.*) 1898, A.M. (*ibid.*) 1899.

Department, Philosophy. *Subject*, Psychology.

Thesis, "The Psychic Processes of the Frog."

S.D.

George Perkins Clinton, S.B. (*Univ. of Illinois*) 1890, S.M. (*ibid.*) 1894, S.M. (*Harvard Univ.*) 1901.

Department, Biology. *Subjects*, Botany and Zoölogy.

Thesis, "North American Ustilagineae."

Richard Blair Earle, S.B. (*Worcester Polytechnic Inst.*) 1897, S.M. (*Harvard Univ.*) 1899.

Department, Chemistry. *Subjects*, Organic Chemistry and Inorganic Chemistry.

Thesis, I, "On the Constitution of the Colored Compounds obtained from Sodic Alcoholates and certain Aromatic Compounds." II, "On the Action of Sodic Sulphite in Alcoholic Solution on Tribromdinitrobenzol and Tribromtrinitrobenzol."

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Joseph Edmund Woodman, S.B. 1896, A.M. 1900.
Department, Geology. *Subjects*, General Geology and Glacial Geology.
Thesis, "Geology of the Moose River Gold District, Halifax County, Nova Scotia; together with the Pre-Carboniferous History of the Meguma Series."

M.D.V. (*Out of course.*)

Joseph Hayden Stimson, as of the class of 1901.

D.M.D.

Adelbert Melvin Bruce.
Frederick Matthew Cassidy.
William Chesley Clinch.
Charles Davis Cobb.
Charles Henry Daly.
Albert William Day.
Arthur Trowbridge Freeman.
Thomas Frederick Hammond.
Fred Burpee Hicks.
Morris Arthur Lazarus.
Erving Fiske Lowe.
Frank Randall McCullagh.
Edward James McGoldrick.
Henry Edmund McNally.
Walter Curtis Miner.
Walter Grover Newell.
Thomas Bartholomew Owens.
Leo Augustine Rogers.
Walter James Scott.
Luther Dimmick Shepard, Jr., A.B. 1896, M.D. 1900.
William John Speers.
Rudolph Sykora.
Henry Eugene Watkins.
Bryce Aughterson Wilson.
George Fisher Wolfe.
Herbert Harlan Yarrington.

D.M.D. cum laude.

Walter Adams Bradford.
Burton Henry Cooper.
Charles Wesley Hale.
James Joseph O'Brien.
Harry Benjamin Shuman.
Charles Thomas Warner.

M.D.

Carl Schadiker Adams.
John Dresser Adams.
John Henry Andrews, A.B. (*Boston Univ.*) 1898.
John Baxter Bain.
George Lorimer Baker.
Allan Foster Barnes, A.B. 1898.
Walter Oscar Bartlett.
John Eastman Belding, PH.B. (*Yale Univ.*) 1895.
William Woolsey Bellamy.
Henry Ingersoll Bowditch, A.B. 1898.
Charles Henderson Bradley.
William Stephen Buckley.
John Henry Bufford.
Frank Stedman Bulkeley.
Franklin Edward Campbell.
Thomas Edward Caulfield.
Leon Monroe Closson, A.B. 1897.
Parker Martain Cort.
Donald Brett Cragin.

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Louis Allen Crocker, PH.B. (*Brown Univ.*) 1898.
John Henry Cunningham, Jr.
Arthur Howard Davison.
Joseph Horace Dennen, M.D.V. 1898.
Roger Herbert Dennett, S.B. (*St. Lawrence Univ.*) 1898.
Robert Laurent DeNormandie, A.B. 1898.
James Frank Donaldson, A.B. (*Tufts Coll.*) 1898.
Frank Leslie Doray.
Francis James Dore, A.B. (*Boston Coll.*) 1898.
Richard Alvin Drake.
Robert Hale Ellis.
Arthur Brewster Emmons, 2d, A.B. 1898.
Albert Evans.
Miner Harlow Amos Evans, Jr.
Henry Otto Feiss, A.B. 1898.
Arnold Frotcham Furrer.
Archibald Robert Gardner.
Frederick Eugene Garland, A.B. 1898.
Fritz Walter Gay, A.B. 1898.
Herbert Seymour Gay.
Frank William George.
George Hathaway Gleason.
Frederick James Goodridge, A.B. 1898.
Frank Butler Granger, A.B. 1899.
Hugh Barr Gray.
Robert De Lancey Hamilton, A.B. (*Yale Univ.*) 1897.
Roland Hammond, A.B. (*Tufts Coll.*) 1898.
George Stimpson Hathaway.
David Aloysius Heffernan.
Stoughton Fletcher Hodges.
Warren Henry Hoey.
Robert Russell Hollister, A.B. 1897.
Perez Briggs Howard.
Wilson Eugene Hunt.
John James Irving.
Francis Joseph Jones.
John Austin Kane.
Charles Herbert Keene, A.B. 1898.
Walter Henry Kelley.
Bradford Kent.
Arthur Goss Kilbourn, A.B. 1899.
Frank Henry Knight.
Robert Keneborough Black Knowles, A.B. (*Acadia Coll.*) 1897.
Herbert Bowman Lang, A.B. (*Brown Univ.*) 1896.
David Barnard Lepper.
Albert Henry Lilley.
George Thomas Little.
William Holbrook Lowell.
Cornelius Joseph Lynch, A.B. (*Holy Cross Coll.*) 1898.
John Allan MacCormick.
Ross McPherson, A.B. 1898.
Edward Mahon.
John Joseph Mitchell.
George Colton Moore, A.B. (*Yale Univ.*) 1898.
Patrick William Murphy, A.B. (*Boston Coll.*) 1898.
Samuel William Myers.
John Land Neilson.
John Patrick Nelligan.
Albert James Nute, PH.G. (*Univ. of Maine*) 1897, S.B. 1899.
Charles Thomas O'Brien, A.B. (*Boston Coll.*) 1898.
Daniel Aloysius O'Hearn, A.B. (*St. Bonaventure's Coll.*) 1898.
Frederic Henry Packard, A.B. 1898.
Robert Astley Rice, S.B. (*Amherst Coll.*) 1898.
Ivus Irvin Richmond.
Michael Uriah Robbins.

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Albert Joseph Roberts.
William Frederick Roberts, A.B. 1898.
Harry Pringle Robinson.
Edwin Theodore Rollins.
George Dow Scott, S.B. (*Middlebury Coll.*) 1895, A.B. (*Harvard Univ.*) 1896.
John Ralph Sennott.
Frederick King Shaw.
Frederick Robertson Sims.
Appleton White Smith, A.B. (*Colby Univ.*) 1887.
Forster Hanson Smith, A.B. (*Tufts Coll.*) 1899.
Frank Whipple Snow.
Roger Spalding, S.B. 1898.
Robert Thomas Stearns, A.B. 1898.
Ralph Ricker Stratton, A.B. (*Boston Univ.*) 1898.
Richard Henry Stubbs, A.B. (*Bowdoin Coll.*) 1898.
Raphael Clarke Thomas, A.B. 1896.
Charles Edward Thompson.
Townsend William Thorndike.
Frank William Tilley, A.B. (*Bucknell Univ.*) 1898.
James Rockwell Torbert, PH.B. (*Yale Univ.*) 1895.
Ernest Edward Tyzzer, PH.B. (*Brown Univ.*) 1897, A.M. (*ibid.*) 1898.
William Emrich Walker, A.B. (*Amherst Coll.*) 1898.
Allen Hamilton Williams, A.B. 1891.
Louis Thornton Wilson, S.B. 1899.
Richard Wynne.

M.D. cum laude.

Albert Armington Barrows, PH.B. (*Brown Univ.*) 1898.
James Lyman Belknap, S.B. (*Dartmouth Coll.*) 1898.
William Henry Buffum, A.B. (*Brown Univ.*) 1898.
Samuel Feldstein.
John Burnham Ferguson, A.B. (*Brown Univ.*) 1898.
Harry Winfred Goodall, A.B. (*Dartmouth Coll.*) 1898.
Arthur Moses Greenwood, A.B. (*Brown Univ.*) 1898.
Walter Lawrence Hearn.
Lawrence Joseph Henderson, A.B. 1898.
Stuart Van Rensselaer Hooker, A.B. (*Rollins Coll.*) 1893.
Ernest Leroi Hunt.
Lloyd Hunter Mills.
Arthur Sterling Murphy.
Francis Winslow Palfrey, A.B. 1898.
Robert Brastow Porter, A.B. 1897.
Henry Dudley Prescott, A.B. 1898.
William Carter Quinby, A.B. 1899.
Samuel Robinson, A.B. 1898.
William Anthony Sherman, A.B. 1899.
Ernest Winfield Small.
Beth Vincent, A.B. 1898.

M.D. (*Out of course.*)

John Joseph Dowling, as of the class of 1894.

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LL.B.

John Barker, A.B. (*Williams Coll.*) 1899.
Irvin Victor Barth, A.B. (*Univ. of Missouri*) 1897, A.M. (*ibid.*) 1899, LL.B. (*ibid.*) 1899.
Samuel Henry Batchelder, A.B. 1899.
Middleton Goldsmith Beaman, A.B. 1899.
Harold LeGrand Beyer, A.B. (*Iowa Coll.*) 1898.
Edward Baldwin Boise, A.B. (*Yale Univ.*) 1899.
Raynal Cawthorne Bolling, A.B. 1900.
Sheldon Rutherford Boright, A.B. 1900.
Robert Boyes Brewster, A.B. 1899.
Bartlett Brooks, A.B. 1900
Earle Brown, A.B. 1895.
Harold Winfred Brown, A.B. (*Brown Univ.*) 1899.
George Phillips Bryant, A.B. 1899.
Oliver Sarson Bryant, A.B. (*Yale Univ.*) 1899.
Scovill McLean Buckingham, A.B. (*Yale Univ.*) 1899.
Robert Henry Burton-Smith, A.B. (*Yale Univ.*) 1896.
Walter Littlefield Came, A.B. (*Bowdoin Coll.*) 1899.
Charles Lancaster Carr, A.B. 1899.
Daniel Kayser Catlin, A.B. 1899.
Theron Ephron Catlin, A.B. 1899.
Herbert Mann Chase, A.B. 1900.
Robert William Childs, PH.B. (*Beloit Coll.*) 1899.
Joseph Choate, A.B. 1897.
Roger Clapp, A.B. 1899.
George Gallup Clark, A.B. (*Dartmouth Coll.*) 1899.
Charles Henry Cleaves, Jr., A.B. 1899.
John Arthur Clough, PH.B. (*Brown Univ.*) 1899.
Forrest Foster Collier, A.B. 1899.
James Lowrie Crane, A.B. (*Princeton Univ.*) 1899.
George Glover Crocker, Jr., A.B. 1899.
Harold Fessenden Dana, A.B. (*Bowdoin Coll.*) 1899.
Pierpont Davis, A.B. 1899.
George Reily DeBruler, A.B. (*Indiana Univ.*) 1898.
George Hurst Denison, A.B. 1899.
Joseph Charles Dennis, A.B. 1899.
George Phillips Dike, A.B. (*Williams Coll.*) 1897.
Harry Francis Roby Dolan, A.B. 1900.
Ralph Leland Dougherty, A.B. (*Univ. of Chicago*) 1897.
Samuel Hanson Dowden, PH.B. (*Univ. of Michigan*) 1897.
Edward Bailey Draper, A.B. 1899.

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Pitt Fessenden Drew, A.B. (*Dartmouth Coll.*) 1899.
Percy Bernard Eckhart, PH.B. (*Univ. of Chicago*) 1899.
Ralph Caleb Estes, PH.B. (*Brown Univ.*) 1899.
Francis William Falvey, A.B. 1899.
Arthur Leo Farrell, A.B. (*Boston Coll.*) 1898.
Morton Lazell Fearey, A.B. (*Yale Univ.*) 1898.
Albert Henry Fiebach, A.B. (*Oberlin Coll.*) 1899.
Arthur Herbert Fitz, A.B. (*Brown Univ.*) 1899.
Thomas Grinnell Flaherty, A.B. (*Amherst Coll.*) 1899.
Alphonse James Follens, A.M. (*Georgetown Univ.*) 1898.
Robert Streeter Folsom.
Charles Howe French, A.B. 1898.
Arthur Sumner Friend, A.B. 1900.
Donald McKay Frost, A.B. 1899.
Otto M Goldsmith, A.B. (*Yale Univ.*) 1898.
Donald Gordon, A.B. 1899.
Arthur Frederick Gotthold, A.B. 1900.
Malcolm Scollay Greenough, Jr., A.B. 1898.
Charles Grilk, A.B. 1898.
Robert Harold Grimes, A.B. (*Johns Hopkins Univ.*) 1899.
William Stitt Hannon, A.B. (*Yale Univ.*) 1899.
Reginald Cary Heath, A.B. 1900.
Thomas Jefferson Higgs, A.B. (*Iowa Coll.*) 1899.
Ira Polk Hildebrand, LL.B. (*Univ. of Texas*) 1899, A.B., LL.M. (*ibid.*) 1900.
Milton Manheim Hirsch, A.B. (*Univ. of Georgia*) 1899.
Robert Louis Hoguet, A.B. 1899.
Irving Owen Hunt, A.B. (*Brown Univ.*) 1899.
A J White Hutton, A.B. (*Pennsylvania Coll.*) 1897, A.M. (*ibid.*) 1901.
Silas Isador Hyman, A.B. 1899.
Stephen Dod Inslee, S.B. (*Cornell Univ.*) 1899.
Loton Drew Jennings, A.B. (*Bowdoin Coll.*) 1899.
Henry Horton Kimball, A.B. 1899.
Arthur George Henry Lester, A.B. (*Hobart Coll.*) 1899.
William Bross Lloyd, A.B. 1898.
Joseph Lovejoy, A.B. 1899.
James Edward McCloskey, Jr., A.B. 1900.
Albert Rand MacKusick, A.B. 1899.
Robert Mühlig Mahoney, A.B. 1900.
Herbert Camp Marshall, A.B. (*Ohio Wesleyan Univ.*) 1891, A.B. (*Harvard Univ.*) 1894, A.M. (*ibid.*) 1895, PH.D. (*ibid.*) 1901.
Joseph Hunter Marshutz, A.B. (*Univ. of Illinois*) 1898.
Henry Rogers Mayo, A.B. 1900.

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Guy Abbott Meeker, B.L. (*Univ. of Wisconsin*) 1899.
Henry Augustus Miller, A.B. (*Columbia Univ.*) 1899.
Howard Benford Moore, A.B. (*Hobart Coll.*) 1899.
Springer Harbaugh Moore, A.B. (*Princeton Univ.*) 1898.
Paul Adolph Moses, PH.B. (*Univ. of Michigan*) 1899.
Arthur Edward Newhall, A.B. 1899.
Dwight Richard Pennell, A.B. (*Bowdoin Coll.*) 1898.
George Morrison Poland, A.B. 1899.
Henry Lee Prescott, A.B. 1894.
James Henry Reilly, Jr., A.B. (*Holy Cross Coll.*) 1898.
Otis Weld Richardson, A.B. 1899.
Harry Lewis Rothenberg, A.B. 1900.
Ernest Jerome Sanderson, A.B. 1900.
Cyrus Sargeant, Jr., A.B. 1899.
George McClure Sargent, A.B. 1899.
Frank Channing Smith, Jr., A.B. 1900.
George Russell Stobbs, A.B. 1899, A.M. 1900.
Frederick Bourne Taylor, A.B. 1899.
George Oakes Tobey, Jr., A.B. 1898.
Frederic Alonzo Turner, Jr., A.B. 1899.
Paul Elliott Walker, A.B. (*Leland Standford Jr. Univ.*) 1898.
Charles Albert Walsh, A.B. (*Brown Univ.*) 1899.
Roger Sherman Warner, A.B. 1898.
Frederick Sussman Weis, A.B. 1899.
John Ralph Wellman, PH.B. (*Brown Univ.*) 1899.
William Mersereau Wheeler, A.B. (*Yale Univ.*) 1899.
Malcolm Douglass Whitman, A.B. 1899.
Henry Dwight Wiggin, Jr., A.B. 1900.
Chester Frederick Williams, A.B. (*Dartmouth Coll.*) 1898.
William Porter Winch, A.B. 1899.
Roger Wolcott, A.B. 1899.

LL.B. cum laude.

Earl Bryant Barnes, A.B. (*New York Univ.*) 1899.
Charles Winthrop Blood, A.B. 1899.
Marion Lee Bonner, A.B. (*Univ. of Virginia*) 1898, A.M. (*ibid.*) 1898.
Harry Lionel Burnham, A.B. 1899.
Allan Reuben Campbell, A.B. 1899.
John Kirkland Clark, A.B. (*Yale Univ.*) 1899.
Stephen Hasket Derby, A.B. 1899.
Malcolm Donald, A.B. 1899, A.M. 1900.
Henry Wesley Dunn, A.B. (*Colby Coll.*) 1896.
William Dunnell Eaton, A.B. 1899.

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Edward Everett Elder, A.B. 1899.
Walter Dwight Herrick, A.B. (*Univ. of Michigan*) 1898.
Massey Bryant Holmes, A.B. 1899.
Howard Rollin Ives, A.B. (*Bowdoin Coll.*) 1898.
Robert Appleton Jackson, A.B. 1899, A.M. 1900.
George Hay Kain, S.B. (*Pennsylvania Coll.*) 1897, S.M. (*ibid.*) 1900.
Walter Charles Kellogg, A.B. (*Williams Coll.*) 1899.
Frank Warren Knowlton, A.B. (*Tufts Coll.*) 1899.
Francis Levy Kohlman, A.B. (*Tulane Univ.*) 1899.
Alexander Lincoln, A.B. 1895, A.M. 1896.
Paul Gifford Norris, PH.B. (*Iowa Coll.*) 1899.
Samuel Woodson Sawyer, A.B. (*Yale Univ.*) 1899.
Arthur Cushing Spalding, A.B. 1899.
Charles Henry Stephens, A.B. 1899, A.M. 1900.
James Butler Studley, A.B. 1899, A.M. 1900.
Frederick Rotch Swift, A.B. 1899.
James Parsons Weter, B.L. (*Univ. of Wisconsin*) 1898.
Andrew Murray Williams, A.B. (*Princeton Univ.*) 1899.
Harold Williams, Jr., A.B. 1899.
Alvin Walter Wise, A.B. 1899.
Everett Sidney Wise, A.B. 1899.
Harry Felix Wolff, A.B. 1899.
Louis Eliot Wyman, A.B. 1900.
Stephen Emerson Young, A.B. (*Bowdoin Coll.*) 1898.

LL.B. (*Out of course.*)

Joseph Warren Glidden, A.B. 1894, as of the class of 1897.
Allen Wickham Corwin, A.B. (*Princeton Univ.*) 1895, as of the class of 1898.
Charles Ross Lewers, A.B. (*Univ. of Nevada*) 1893, A.B. (*Leland Stanford Jr. Univ.*) 1896, as of the class of 1899.
Willis Munro, A.B. 1896, as of the class of 1899.
Roy McWilliams, A.B. (*Yale Univ.*) 1897, as of the class of 1900.
John Frederick Neal, A.B. 1897, as of the class of 1900.
Burt Brown Barker, A.B. (*Univ. of Chicago*) 1897, as of the class of 1901.
Charles Alanson Barnard, A.B. 1898, as of the class of 1901.
Cornelius Murtogh Callahan, as of the class of 1901.
Robert Henry Crowell, A.B. (*Yale Univ.*) 1898, as of the class of 1901.
Charles Winthrop Cutter, A.B. 1898, as of the class of 1901.
Jack Hall Alliger Lee Fairweather, A.B. (*Univ. of New Brunswick*) 1898, as of the class of 1901.
Charles Jewett Flagg, A.B. 1898, as of the class of 1901.

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Louis Ezra Guillow, A.B. 1898, as of the class of 1901.
John Rankin McVey, A.B. 1898, as of the class of 1901.
Charles Minot Sheafe, Jr., A.B. 1898, as of class of 1901.

S.T.B.

Henry Wilder Foote, A.B. 1897, A.M. 1900.
George Milton Jones, LITT.B. (*Dartmouth Coll.*) 1901.
John Pearl Morley, A.B. (*Simpson Coll.*) 1893, S.T.B. (*Garrett Biblical Inst.*) 1895, A.M. (*Simpson Coll.*) 1896, S.T.B. (*Boston Univ.*) 1896.
George Hale Reed, A.B. 1899.
Arthur Bryant Whitney, A.B. (*Tufts Coll.*) 1899.

S.T.B. (*Out of course.*)

Thomas Henry Mitchell, A.B. (*Toronto Univ.*) 1890, as of the class of 1896.

B.A.S.

David Clapp Chittenden.
Howard Crowell Hedge.
Clifton Harlan Paige.
Harold Truesdell Patterson.
John Hamilton Robinette.

HONORARY DEGREES.

A.M.

John Himes Arnold.
Francis Blake.
Walter Reed.
Charles Proteus Steinmetz.
Herbert Langford Warren.

D.D.

Morgan Dix.
Edward Henry Hall.
James Edward Wright.

LL.D.

Addison Brown.
Thomas Jefferson Coolidge.
John Hay.
Theodore Roosevelt.

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PART II

THE UNIVERSITY AND ITS DEPARTMENTS

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HARVARD UNIVERSITY.

HISTORY AND GOVERNMENT.

HARVARD COLLEGE was founded in 1636, by a vote passed at an adjourned meeting (October 28, Old Style) of the General Court of the Colony of Massachusetts Bay which convened on September 8th of that year.

The language of the vote was as follows: —

"The Court agree to give Four Hundred Pounds towards a *School* or *College*, whereof Two Hundred Pounds shall be paid the next year, and Two Hundred Pounds when the work is finished, and the next Court to appoint where and what building."

The ensuing year (1637) the General Court appointed twelve of the most eminent men of the colony (among whom were John Cotton and John Winthrop) "to take order for a college at Newtown." The name, "Newtown," was soon afterwards changed by the General Court to *Cambridge*, in recognition of the English University where many of the colonists had been educated.

The following year (1638) John Harvard, a non-conforming clergyman of England, who had been in the colony about one year, died at Charlestown, leaving half of his whole property and his entire library (about 300 volumes) to the institution. The value of this bequest was more than double the entire sum originally voted by the Court, and it was resolved to open the College at once, and to give it the name of *Harvard*. The first class was formed in the same year.

In 1642, during the administration of the first President, Henry Dunster, the general government of the College and the management of its funds were placed in the hands of a *Board of Overseers* established and empowered by the following Act of the General Court: —

"THE ACT

"ESTABLISHING THE OVERSEERS OF HARVARD COLLEGE.

"*At a General Court held at Boston on the 8th of September, in the Year 1642.*

"WHEREAS, through the good hand of God upon us, there is a College founded in Cambridge, in the county of Middlesex, called HARVARD COLLEGE, for the encouragement whereof this Court has given the sum of four hundred pounds, and also the revenue of the ferry betwixt Charles-

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town and Boston, and that the well ordering and managing of the said College is of great concernment, —

"It is therefore ordered by this Court and the authority thereof, that the Governor and Deputy-Governor for the time being, and all the magistrates of this jurisdiction, together with the teaching elders of the six next adjoining towns, — viz. Cambridge, Watertown, Charlestown, Boston, Roxbury, and Dorchester, — and the President of the said College for the time being, shall, from time to time, have full power and authority to make and establish all such orders, statutes, and constitutions as they shall see necessary for the instituting, guiding, and furthering of the said College and the several members thereof, from time to time, in piety, morality, and learning; as also to dispose, order, and manage, to the use and behoof of the said College and the members thereof, all gifts, legacies, bequeaths, revenues, lands, and donations, as either have been, are, or shall be conferred, bestowed, or any ways shall fall or come to the said College.

"And whereas it may come to pass that many of the said magistrates and elders may be absent, or otherwise employed in other weighty affairs, when the said College may need their present help and counsel, — it is therefore ordered, that the greater number of magistrates and elders which shall be present, with the President, shall have the power of the whole. *Provided*, that if any constitution, order, or orders, by them made, shall be found hurtful unto the said College, or the members thereof, or to the weal public, then, upon appeal of the party or parties grieved unto the company of Overseers first mentioned, they shall repeal the said order or orders, if they shall see cause, at their next meeting, or stand accountable thereof to the next General Court." *

The Board of Overseers appears to have been found too large a body to have the immediate direction of the College, and in 1650, through the efforts of President Dunster and others, a charter was granted to the College by the General Court, by which the College was made a *Corporation*, consisting of the President, five Fellows, and a Treasurer, or Bursar, to have perpetual succession by the election of members to supply vacancies, and to be called by the name of the *President and Fellows of Harvard College*. The powers conferred by this Act were accompanied with a provision which required that all Orders and By-Laws of the Corporation should have the consent of the Overseers before they went into operation. This provision was found inconvenient and embarrassing in practice, and in 1657 a law was passed, called "An Appendix to the College Charter,"

* This Act is copied from "The General Laws of the Massachusetts Colony, revised and published by order of the General Court in October, 1658," which was the second edition of the Laws of the Colony, and was printed in 1660. It varies slightly in phraseology from the Act contained in the Records of the General Court, Vol. II, page 24.

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by which the acts of the Corporation were declared to have immediate force and effect, and to be merely "alterable" by the Overseers, to whom the Corporation was to be "responsible."

The text of the College Charter, and of the appendix to the same, is as follows: —

"THE CHARTER

"OF THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE, UNDER THE SEAL OF THE COLONY OF MASSACHUSETTS BAY, AND BEARING DATE MAY 31, A.D. 1650.

"WHEREAS, through the good hand of God, many well-devoted persons have been, and daily are, moved and stirred up to give and bestow sundry gifts, legacies, lands, and revenues, for the advancement of all good literature, arts, and sciences, in HARVARD COLLEGE, in Cambridge, in the county of Middlesex, and to the maintenance of the President and Fellows, and for all accommodations of buildings, and all other necessary provisions that may conduce to the education of the English and Indian youth of this country in knowledge and godliness, —

"It is therefore ordered and enacted by this Court and the authority thereof, that for the furthering of so good a work, and for the purposes aforesaid, from henceforth that the said College in Cambridge, in Middlesex, in New England, shall be a Corporation, consisting of seven persons, to wit, a President, five Fellows, and a Treasurer or Bursar; and that HENRY DUNSTER shall be the first President, SAMUEL MATHER, SAMUEL DANFORTH, Masters of Art, JONATHAN MITCHELL, COMFORT STARR, and SAMUEL EATON, Bachelors of Art, shall be the five Fellows, and THOMAS DANFORTH to be present Treasurer, all of them being inhabitants in the Bay, and shall be the first seven persons of which the said Corporation shall consist; and that the said seven persons, or the greater number of them, procuring the presence of the Overseers of the College, and by their counsel and consent, shall have power, and are hereby authorized, at any time or times, to elect a new President, Fellows, or Treasurer, so oft, and from time to time, as any of the said person or persons shall die or be removed; which said President and Fellows for the time being shall forever hereafter, in name and fact, be one body politic and corporate in law, to all intents and purposes, and shall have perpetual succession, and shall be called by the name of *President and Fellows of Harvard College*, and shall from time to time be eligible as aforesaid; and, by that name, they and their successors shall and may purchase and acquire to themselves, or take and receive upon free gift and donation, any lands, tenements, or hereditaments, within this jurisdiction of the Massachusetts Bay, not exceeding the value of five hundred pounds per annum, and any goods and sums of money whatsoever to the use and behoof of the said Presi-

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dent, Fellows, and scholars of the said College; and also may sue and plead, or be sued and impleaded, by the name aforesaid, in all courts and places of judicature within the jurisdiction aforesaid.

"And that the said President, with any three of the Fellows, shall have power, and are hereby authorized, when they shall think fit, to make and appoint a common seal for the use of the said Corporation. And the President and Fellows, or the major part of them, from time to time, may meet and choose such officers and servants for the College, and make such allowance to them, and them also to remove, and, after death or removal, to choose such others, and to make from time to time such orders and by-laws, for the better ordering and carrying on the work of the College, as they shall think fit; *provided* the said orders be allowed by the Overseers. And also that the President and Fellows, or major part of them, with the Treasurer, shall have power to make conclusive bargains for lands and tenements, to be purchased by the said Corporation for valuable considerations.

"And, for the better ordering of the government of the said College and Corporation, — Be it enacted by the authority aforesaid, that the President and three more of the Fellows shall and may from time to time, upon due warning or notice given by the President to the rest, hold a meeting for the debating and concluding of affairs concerning the profits and revenues of any lands, and disposing of their goods (provided that all the said disposings be according to the will of the donors), and for direction in all emergent occasions, execution of all orders and by-laws, and for the procuring of a general meeting of all the Overseers and Society, in great and difficult cases, and in cases of non-agreement; in all which cases aforesaid, the conclusion shall be made by the major part, the said President having a casting voice, the Overseers consenting thereunto. And that all the aforesaid transactions shall tend to and for the use and behoof of the President, Fellows, scholars, and officers of the said College, and for all accommodations of buildings, books, and all other necessary provisions and furnitures as may be for the advancement and education of youth in all manner of good literature, arts, and sciences.

"And, further, be it ordered by this Court and the authority thereof, that all the lands, tenements, or hereditaments, houses, or revenues, within this jurisdiction, to the aforesaid President or College appertaining, not exceeding the value of five hundred pounds per annum, shall from henceforth be freed from all civil impositions, taxes, and rates; all goods to the said Corporation, or to any scholars thereof, appertaining, shall be exempted from all manner of toll, customs, and excise whatsoever; and that the said President, Fellows, and scholars, together with the servants, and other necessary officers to the said President or College appertaining, not exceeding ten, — viz. three to the President and seven to the College belonging, — shall be exempted from all per-

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sonal civil offices, military exercises or services, watchings and wardings; and such of their estates, not exceeding one hundred pounds a man, shall be free from all country taxes or rates whatsoever, and none others.

"In witness whereof, the Court has caused the seal of the Colony to be hereunto affixed. Dated the one and thirtieth day of the third month, called May, anno 1650.

"[L. S.] THO. DUDLEY, *Governor*." *

"AN APPENDIX TO THE COLLEGE CHARTER, GRANTED BY AN ACT OF THE GENERAL COURT OF THE COLONY, PASSED A.D. 1657.

"*At a General Court held at Boston, the 14th of October, 1657.*

"In answer to certain proposals presented to this Court by the Overseers of HARVARD COLLEGE, as an appendix to the College Charter, it is ordered, —

"The Corporation shall have power, from time to time, to make such orders and by-laws, for the better ordering, and carrying-on of the work of the College, as they shall see cause, without dependence upon the consent of the Overseers foregoing. *Provided always*, that the Corporation shall be responsible unto, and those orders and by-laws shall be alterable by, the Overseers, according to their discretion.

"And when the Corporation shall hold a meeting, and agreeing with college servants, for making of orders and by-laws, for debating and concluding of affairs concerning the profits and revenues of any lands or gifts, and the disposing thereof (provided that all the said disposals be according to the will of the donors), for management of all emergent occasions, for the procuring of a general meeting of the Overseers and Society in great and difficult cases, and in cases of non-agreement, and for all other college affairs to them pertaining, — in all these cases the conclusion shall be valid, being made by the major part of the Corporation, the President having a casting vote. *Provided always*, that, in these things also, they be responsible to the Overseers as aforesaid.

"And in case the Corporation shall see cause to call a meeting of the Overseers, or the Overseers shall think good to meet of themselves, it shall be sufficient unto the validity of college acts, that notice be given to the Overseers in the six towns mentioned in the printed law anno 1642, when the rest of the Overseers, by reason of the remoteness of their habitations, cannot conveniently be acquainted therewith." †

The Corporation and the Board of Overseers remain to the present time the governing powers of the University; and this charter with its appendix

* The above is a copy of the original Charter, engrossed on parchment, under the signature of Governor Dudley, with the Colony seal appendant, in the custody of the President and Fellows of Harvard College. The Charter, varying slightly in phraseology, is also contained in the Records of the General Court, Vol. IV, page 10.

† This act is taken from the Records of the General Court, Vol. IV, page 265.

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is now in force precisely as first drafted, notwithstanding that several attempts were made, during the first fifty years of its existence, to alter it or to substitute another in its place. Several new charters which would have essentially changed the organization of the College passed both branches of the Colonial Legislature, but failed to receive the sanction of the King or Governor, and none of the proposed changes ever actually went into operation. The last attempt to obtain a new college charter from the Crown was in 1700, when a draft of a charter was prepared "to be solicited for to his Majesty," which passed both branches of the Legislature, but was never presented to the King.

After the constitution of the College had been for a number of years in this unsettled condition, the General Court in 1707 passed the following vote, reasserting the integrity and force of the charter of 1650, and it remains "the venerable source of collegiate authority" to this day.

"EXTRACT FROM A RESOLVE OF THE PROVINCIAL GENERAL COURT, PASSED A.D. 1707, DECLARING THE COLLEGE CHARTER OF 1650 NOT REPEALED, AND DIRECTING THE PRESIDENT AND FELLOWS OF THE COLLEGE TO EXERCISE THE POWERS GRANTED BY IT.

"*At a Great and General Court for her Majesty's Province of the Massachusetts Bay, begun and held at Boston upon the 28th of May, 1707, and continued by several prorogations unto the 29th of October following, being the third session.*

"IN COUNCIL.

"*Thursday, December 4, 1707.*

"And inasmuch as the first foundation and establishment of that House [Harvard College, in Cambridge], and the government thereof, had its origin from an act of the General Court, made and passed in the year 1650, which has not been repealed or nulled, — the President and Fellows of the said College are directed, from time to time, to regulate themselves according to the rules of the Constitution by the said Act prescribed, and to exercise the powers and authorities thereby granted for the government of that House, and the support thereof.

"*Saturday, December 6, 1707.*

"The Representatives returned the Vote passed in Council, the 4th current, referring to the College, with their concurrence thereunto.

"By his Excellency the Governor, consented to,

"JOSEPH DUDLEY." *

In 1780, when a Constitution was framed for the new Commonwealth of Massachusetts, the following Articles were introduced, securing to the

* This resolve is taken from the Records of the General Court, Vol. VIII, page 344.

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President and Fellows of Harvard College the perpetual enjoyment of all their vested rights and powers, and providing for the organization of the Board of Overseers.

"THE ARTICLES OF THE CONSTITUTION OF THE COMMONWEALTH OF MASSACHUSETTS, CONFIRMING AND SECURING TO HARVARD COLLEGE THE PERPETUAL POSSESSION AND ENJOYMENT OF ALL ITS ESTATES, RIGHTS, POWERS, AND PRIVILEGES.

"CHAPTER V.

"SECT. I. — *The University.*

"ARTICLE 1. —Whereas our wise and pious ancestors, so early as the year one thousand six hundred and thirty-six, laid the foundation of HARVARD COLLEGE, in which University many persons of great eminence have, by the blessing of God, been initiated in those arts and sciences which qualified them for public employments both in Church and State; and whereas the encouragement of arts and sciences and all good literature tends to the honor of God, the advantage of the Christian religion, and the great benefit of this and the other United States of America, — It is declared that the *President and Fellows of Harvard College* in their corporate capacity, and their successors in that capacity, their officers and servants, shall have, hold, use, exercise, and enjoy all the powers, authorities, rights, liberties, privileges, immunities, and franchises which they now have, or are entitled to have, hold, use, exercise, and enjoy; and the same are hereby ratified and confirmed unto them, the said President and Fellows of Harvard College, and to their successors, and to their officers and servants respectively, for ever.

"ART. 2. — And whereas there have been at sundry times, by divers persons, gifts, grants, devises of houses, lands, tenements, goods, chattels, legacies, and conveyances, heretofore made either to Harvard College, in Cambridge, in New England, or to the President and Fellows of Harvard College, or to the said College by some other description, under several charters successively, — It is declared that all the said gifts, grants, devises, legacies, and conveyances are hereby for ever confirmed unto the President and Fellows of Harvard College, and to their successors in the capacity aforesaid, according to the true intent and meaning of the donor or donors, grantor or grantors, devisor or devisors.

"ART. 3. — And whereas, by an Act of the General Court of the Colony of Massachusetts Bay, passed in the year one thousand six hundred and forty-two, the Governor and Deputy-Governor for the time being, and all the magistrates of that jurisdiction, were with the President, and a number of the clergy in the said Act described, constituted the Overseers of Harvard College; and it being necessary, in this new Constitution of govern-

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ment, to ascertain who shall be deemed successors to the said Governor, Deputy-Governor, and magistrates, — It is declared that the Governor, Lieutenant-Governor, Council, and Senate of this Commonwealth are and shall be deemed their successors; who with the President of Harvard College for the time being, together with the ministers of the Congregational churches in the towns of Cambridge, Watertown, Charlestown, Boston, Roxbury, and Dorchester, mentioned in the said Act, shall be, and hereby are, vested with all the powers and authority belonging or in any way appertaining to the Overseers of Harvard College. *Provided*, that nothing herein shall be construed to prevent the Legislature of this Commonwealth from making such alterations in the government of the said University as shall be conducive to its advantage, and the interests of the republic of letters, in as full a manner as might have been done by the Legislature of the late Province of the Massachusetts Bay."

On February 12, 1814, the Senate and House of Representatives of the State of Massachusetts passed the following Act, relating to the Power of the President and Fellows of Harvard College of holding Real Estate: —

"AN ACT

"To enlarge the Power of the President and Fellows of Harvard College of Holding Real Estate.

"*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same:*

That the President and Fellows of Harvard College and their successors in office, be and they are hereby authorized to purchase, accept, take and hold lands, tenements and hereditaments within this Commonwealth to the clear yearly value of twelve thousand dollars, in addition to what they now are by law authorized to hold, and in addition to the public buildings of said University occupied by the students and for other public purposes."

Passed 12th February, 1814.

The previous limitations on the power of the President and Fellows to accept and hold real estate were removed March 13, 1889, by the following Act of the Senate and House of Representatives of Massachusetts: —

"AN ACT

"To Enlarge The Power of the President and Fellows of Harvard College to hold Taxable Real Estate.

"*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:*

Section 1. The President and Fellows of Harvard College may accept, take and hold, and may sell at their discretion, unless expressly forbidden

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by the terms of gift, any real estate within or without this Commonwealth which has been or may hereafter be given or devised to them for educational purposes; and they may, from time to time, invest any portion of the property held by them, as they may think judicious, in productive real estate within the Commonwealth, and may sell any such estate at their discretion: *provided, however*, that nothing herein contained shall be construed to give the said corporation any claim to greater exemption from taxation than it now has under the constitution and laws of this Commonwealth.

"SECT. 2. This Act shall take effect upon its passage."

Approved March 13, 1889.

It remains to notice certain changes in the constitution of the Board of Overseers, relating to eligibility to office, mode of appointment or election, and the connection between the College and the Commonwealth.

The first important change occurred in the year 1810. Under the Act of 1642 and the clauses of the State Constitution of 1780, the Board was composed of the Governor, Lieutenant-Governor, Council, and Senate of Massachusetts, and the Congregational ministers of certain specified towns. In the early days of the College this enumeration included almost all the educated men of the Colony; but in the course of time other classes rose to power and influence, and it became desirable that the Overseers should be able to place among their number other persons eminently qualified for such a position, and that the right to a seat at the Board should be no longer incidental and casual, but be made elective and permanent. Many of the members of the Senate also desired to be relieved of their duties towards the College.* Accordingly in March, 1810, an Act was passed by the State Legislature entitled "An Act to alter and amend the Constitution of the Board of Overseers of Harvard College," and consisting of six sections. By the first it is enacted that "The Governor, Lieutenant-Governor, Counsellors, President of the Senate, and Speaker of the House of Representatives of the Commonwealth, and the President of Harvard College for the time being, with fifteen ministers of Congregational churches and fifteen laymen, all inhabitants within the State, to be elected as is hereafter mentioned, shall for ever hereafter constitute the Board of Overseers of Harvard College."

The second and fifth sections provide for the election of the ministers and laymen, the said elections being made by the ballots of the major part of the Overseers present at a legal meeting.

The third section relates to the choice and duties of a Secretary, the time and manner of meeting, and the duty of presiding at the meetings.

* See Quincy's *History of Harvard University*, ii, 294.

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The fourth section specifies when the seat of a minister or of a member shall become vacant, and confers the power of removal from office in certain cases.

The sixth and last section is as follows: —

"This Act shall be in force when the Overseers of Harvard College, as heretofore constituted, and the President and Fellows of Harvard College, shall agree to accept the provisions in this Act contained."

The principle that the Commonwealth could not change the constitution of the College, without the consent of the Corporation and Overseers, was thus distinctly recognized; and the chartered rights of the College were respected and maintained, at the same time that a more efficient organization was established for the Board of Overseers.

The provisions of this Act were accepted by the President and Fellows on the 16th of March, 1810; and by the Overseers on the 12th of April, in the same year.

In 1812, the Legislature, in direct opposition to a memorial from the Corporation, and without making any provision for the consent of the Corporation or Overseers, repealed this Act, and restored the former organization of the Board; but in 1814, the Act of 1812 was itself repealed, and that of 1810 re-enacted with the addition that the Senate of the Commonwealth should in future form part of the Board of Overseers. This Act also contained the provision that it should not take effect until it was accepted by the Overseers and by the President and Fellows of Harvard College. The Act was accepted by both Boards in March of the same year.

Until 1834, clergymen, to be eligible to the Board of Overseers, must be Congregationalists; but an Act was passed by the Legislature of that year opening the Board to clergymen of all denominations, — the Act to take effect whenever accepted by both branches of the College government. It was accepted by them in 1843.

Another Act, "to change the organization of the Board of Overseers," was passed in 1851. It made the Board to consist of, —

"The Governor, Lieutenant-Governor, President of the Senate, and Speaker of the House of Representatives of the Commonwealth, the Secretary of the Board of Education, and the President and Treasurer of Harvard College, for the time being, together with thirty other persons, as hereinafter defined and described, and no others."

The Act also divided the Board into six equal classes, to be elected and to go out of office in rotation, as described in the following sections: —

"Sect. 3. — The thirty persons, who, in addition to the *ex-officio* members thereof, now constitute the Board of Overseers, shall be divided into three classes of ten each, by lot or otherwise, as they themselves may determine; and the persons of the first class shall go out of office on the day

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of the next annual meeting of the General Court, and their places be supplied by joint ballot of the Senators and Representatives of the Commonwealth, assembled in one room; and the persons of the second class shall go out of office on the day of the annual meeting of the General Court, which will be in the year one thousand eight hundred and fifty-three, and their places be supplied in like manner by joint ballot of the Senators and Representatives; and the persons of the third class shall go out of office on the day of the annual meeting of the General Court, which will be in the year one thousand eight hundred and fifty-four, and their places be supplied in like manner by joint ballot of the Senators and Representatives. *Provided* that the persons of each of the said outgoing classes shall continue in office for two months after the day of the said annual meeting of the General Court, unless their successors shall have been sooner chosen by the Senators and Representatives."

"SECT. 4. — When the Board of Overseers shall have been wholly renewed in the manner prescribed in the foregoing section, the members thereof shall be divided into six equal classes, by subdivision of the previous classes into two each, according to lot or otherwise, as the Board may determine, and having regard to seniority of service among the said previous classes in arranging the order of precedence of the new series; and the said six classes shall thereafter go out of office in rotation, and in order of precedence as thus defined, one at each successive annual meeting of the General Court, and their places be supplied by joint ballot of the Senators and Representatives."

"SECT. 7. — No member of the General Court which elects shall be eligible to a place in the said Board of Overseers; and no person shall be re-eligible for more than one term immediately succeeding that for which he shall have been first elected."

This Act was not to go into effect until "the Board of Overseers, as heretofore constituted, and the President and Fellows of Harvard College respectively, at meetings held for that purpose during the present session of the General Court, shall by vote have assented to the same." The two Boards concurred as required.

Meanwhile an opinion was everywhere gaining ground that it would be better for the community and the interests of learning, as well as for the University, if the power to elect the Overseers were transferred from the Legislature to the graduates of the College. A bill to this effect was introduced into the Senate in 1854, which passed through most of the preliminary stages, but failed to be enacted; partly, as it was thought at the time, from the pressure of business at the close of the session. The purpose was finally carried out in 1865, by the passage of the following Act in relation to the Board of Overseers of Harvard College: —

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"AN ACT

"In Relation to the Board of Overseers of Harvard College.

"Section 1. — The places of the successive classes in the Board of Overseers of Harvard College, and the vacancies in such classes, shall hereafter be annually supplied by ballot of such persons as have received from the College a degree of Bachelor of Arts, or Master of Arts, or any honorary degree, voting on Commencement Day in the city of Cambridge; such election to be first held in the year eighteen hundred and sixty-six; *provided, however*, that no member of the Corporation, and no officer of government or instruction in said College, shall be eligible as an Overseer, or entitled to vote in the election of Overseers; and *provided, further*, that no person who has received from said College the degree of Bachelor of Arts shall be entitled to vote for Overseers before the fifth annual election after the graduation of his class.

"Sect. 2. — The Board of Overseers shall annually appoint one principal and two or more assistant-inspectors of polls, who shall, on Commencement Day, from the hour of ten in the forenoon to the hour of four in the afternoon, at some place in said city of Cambridge, fixed by said Board, receive the votes for Overseers, and they shall sort and count such votes, and make public declaration thereof, after the closing of the polls; and said inspectors shall be provided with a complete list of the persons qualified to vote at such election, and no person shall vote until the inspectors find and check his name upon such list. The names of the persons voted for, the number of votes received for each person, and the vacancy or place in said Board for which he is proposed, shall be entered in words at length, by said inspectors, upon a record kept by them for that purpose, which shall, after such election, be forthwith made up, signed, and delivered by them to the Board of Overseers. The persons who shall receive the highest number of votes for the places or vacancies in said Board shall, to the number of Overseers to be elected, be deemed and shall be declared by said Board elected to be members thereof.

"Sect. 3. — The Board of Overseers shall give notice of the place of the polls, the hours during which they are open, and the number of Overseers to be elected, by publishing the same at least ten days before Commencement Day in some newspaper printed in the city of Boston.

"Sect. 4. — The terms of office of the existing classes of Overseers are extended to the close of Commencement Day of the year in which such terms severally expire; the terms of office of the classes hereafter elected shall successively expire at the close of Commencement Day each year in their order; and the persons elected Overseers on any Commencement Day shall supply the places of the class of Overseers which goes out of office at the close of that day, and the vacancies then existing in said Board.

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"SECT. 5. — Whenever there shall be a failure on Commencement Day to supply any places or vacancies in the Board of Overseers, the same may be filled by vote of the remaining Overseers; and any person elected to fill a vacancy shall be deemed to be a member of and to go out of office with the class to which his predecessor belonged.

"SECT. 6. — The Governor, Lieutenant-Governor, President of the Senate, Speaker of the House of Representatives, and Secretary of the Board of Education shall not be *ex-officio* members of the Board of Overseers of Harvard College after this Act shall be in force.

"SECT. 7. — This Act shall be in force when the Board of Overseers and the President and Fellows of Harvard College, respectively, at meetings held for that purpose, shall by vote have assented to the same.

"SECT. 8. — This Act shall not be construed as in the nature of a contract or a charter, but may at any time be repealed at the pleasure of the Legislature." [April 28, 1865.]

This Act, having been duly assented to by the Overseers on the 21st of September, 1865, and by the President and Fellows on the 15th of December of the same year, is now the law.

In the Act of 1810 it is specified that the members of the Board of Overseers shall be "all inhabitants within the State." This restriction was removed by the following Act in 1880: —

"AN ACT

"TO PROVIDE FOR THE ELIGIBILITY OF PERSONS NOT INHABITANTS OF THIS COMMONWEALTH AS OVERSEERS OF HARVARD COLLEGE.

"SECTION 1. — Persons not inhabitants of this Commonwealth and otherwise qualified shall be eligible as Overseers of Harvard College.

"SECT. 2. — This Act shall take effect on its acceptance by the President and Fellows and by the Board of Overseers of Harvard College, respectively, at meetings held for that purpose." [March 5, 1880.]

This Act was accepted by the President and Fellows on May 31, 1880, and by the Overseers on June 2, 1880.

The method of election of Overseers of Harvard College, described in Section 2 of the Act of 1865, was amended by the following Act in 1889: —

"AN ACT

"TO AMEND CHAPTER 173 OF THE ACTS OF THE YEAR 1865 IN RELATION TO THE BOARD OF OVERSEERS OF HARVARD COLLEGE.

"*Be it enacted, etc., as follows:*

"SECTION 1. Section 2 of Chapter 173 of the Acts of the year 1865 is amended by striking out all of said section after the word "list" in the

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eleventh line thereof, and by inserting in place thereof the following: The names of the persons voted for, and the number of votes received for each person, shall be entered in words at length by said inspectors upon a record kept by them for that purpose, which shall, after such election, be forthwith made up, signed and delivered by them to the Board of Overseers. The persons who shall receive the highest number of votes for the places in said board shall, to the number of overseers to be elected, be deemed and declared by said board elected to be members thereof for the following terms, to wit: The five persons receiving the highest number of votes shall be declared elected to the class having the longest term, and in case any vacancy or vacancies exist in any other class or classes, the person voted for shall be declared elected to such vacancy or vacancies according to the number of votes received by them, the person or persons receiving the next highest number of votes being declared elected to the class having the next longest term to run, and so on in order for other vacancies. In case, by reason of a tie, it should be uncertain to which class any person shall be declared elected, the Board of Overseers shall by vote determine to which classes the persons receiving the same number of votes shall be assigned.

"SECT. 2. This Act shall take effect upon its passage."

This Act was approved March 19, 1889.

"AN ACT

"RELATIVE TO THE BOARD OF OVERSEERS OF HARVARD COLLEGE.

"*Be it enacted, etc., as follows:*

"SECTION 1. The President and Fellows of Harvard College and the Board of Overseers of said College, acting separately at meetings called for that purpose, may, after the expiration of three years from the date of the acceptance of this Act, as provided for in Section 2, determine from time to time by concurrent vote whether any, and, if any, what degrees issued by said College other than those mentioned in the first section of chapter 173 of the Acts of the year 1865 shall entitle the recipients thereof to vote for overseers to the same extent and under the same restrictions to and under which recipients of the degree of Bachelor of Arts from said College may now so vote.

"SECT. 2. This Act shall take effect when the Board of Overseers and the President and Fellows of Harvard College, respectively, at meetings held for that purpose, shall by vote assent to the same." [Approved March 27, 1902.]

This Act was assented to by the President and Fellows on September 23, 1902, and by the Board of Overseers on October 15, 1902.

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STATUTES.

1. THE UNIVERSITY. Harvard University comprehends the following departments: Harvard College, the Lawrence Scientific School, the Graduate School, the Divinity School, the Law School, the Medical School, the Dental School, the School of Veterinary Medicine, the Bussey Institution (a School of Agriculture), the Arnold Arboretum, the University Library, the Museum of Comparative Zoölogy, the Peabody Museum of American Archaeology and Ethnology, the University Museum, the Botanic Garden, the Gray Herbarium, and the Astronomical Observatory.

2. PRESIDENT. It is the duty of the President of the University to call meetings of the Corporation, and preside at the same; to act as the ordinary medium of communication between the Corporation and the Overseers, and between the Corporation and the Faculties; to make an annual report to the Overseers on the general condition of the University; to preside on public academic days; to preside over the several Faculties; to direct the official correspondence of the University; to acquaint himself with the state, interests, and wants of the whole institution; and to exercise a general superintendence over all its concerns. For the better discharge of these duties, he must live in Cambridge.

3. TREASURER. The Treasurer has the custody of all the property of the University. He is required to submit his accounts, and all evidences of the property under his charge, to the committees of inspection appointed by the Corporation and Overseers severally, and to make annually to the Overseers a statement of the receipts and expenditures of the University.

The Treasurer of the College may from time to time, and for periods of time while he holds the office, nominate a Deputy Treasurer, who, if appointed by the Corporation, and confirmed by the Overseers, shall have such of the powers and perform such of the duties of the Treasurer as the Corporation shall think fit, except the powers and duties of the Treasurer as a member of the Corporation, and of the Board of Overseers. A Deputy Treasurer shall receive such portion of the Treasurer's salary as the Corporation shall approve, and the Treasurer and Deputy Treasurer shall give to the Corporation their joint and several bond in the sum of one hundred thousand dollars for the faithful performance of his duties by the Deputy Treasurer.

The Bursar and the Superintendent of Buildings are under the direction of the Treasurer, and are his agents in Cambridge.

All officers who are intrusted with property belonging to the University are required to keep inventories of the same, which are subject to the

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inspection of the Treasurer; and to have all such property designated as University property by suitable marks.

4. Tenures of Office. In all departments of the University, professorships are held without express limitation of time. Assistant professorships are held for five years, and tutorships for not more than three years. At the end of the term of an Assistant Professor or Tutor, his connection with the University ceases, unless he be reappointed. Lecturers are appointed for not more than one year. Instructors are appointed for such terms as convenience may require. Tutors and Instructors are responsible, in regard to their subjects and methods of teaching, to the Professors in their respective branches of study. Proctors are appointed for not more than one year, to assist the Faculties in the conduct of examinations, and in the preservation of order and decorum within the University precincts. All officers of instruction and government are subject to removal for inadequate performance of duty, or for misconduct.

5. University Council. The University Council consists of the President, Professors, and Assistant Professors of the University and such other University officials as the Corporation with the consent of the Overseers may appoint members of the Council. It is the function of the Council to consider questions which concern more than one Faculty, and questions of University policy.

6. Faculties. Harvard College, the Lawrence Scientific School, and the Graduate School are together under the immediate charge of a Faculty, — the Faculty of Arts and Sciences. The Medical School, the Dental School, and the School of Veterinary Medicine are together under the immediate charge of a Faculty, — the Faculty of Medicine. The other Schools of the University are each under the immediate charge of a Faculty. Each Faculty is composed of all the Professors, Assistant Professors, and Tutors, and of all the Instructors appointed for a term longer than one year, who teach in the department or departments under the charge of that Faculty, except that from the Dental School, and the School of Veterinary Medicine, Professors only are members of the Faculty of Medicine. The President is a member of each Faculty.

A Faculty may, at its discretion, delegate any of its powers relating to ordinary matters of administration and discipline, except the power to inflict the penalties of dismission and expulsion, to Administrative Boards, nominated from among its members by the President, and appointed by the Corporation with the consent of the Overseers. Every such Board shall be subject to the authority of the Faculty from which it is appointed. Any Administrative Board established for Harvard College shall consist of not less than fifteen members.

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7. DEANS. Each Faculty has a Dean, who is appointed by the Corporation, with the consent of the Overseers, from among the members of the Faculty. Harvard College, the Lawrence Scientific School, and the Graduate School also have each a Dean, who is appointed by the Corporation, with the consent of the Overseers, from among the members of the Faculty of Arts and Sciences. The Medical School, the Dental School, and the School of Veterinary Medicine also have each a Dean, who is appointed by the Corporation, with the consent of the Overseers, from among the members of the Faculty of Medicine. Each Dean is the chief executive officer of his Faculty, College, or School, is responsible for the proper preparation and conduct of its business, and makes an annual report to the President.

8. ACADEMIC YEAR. The Academic Year begins on the Thursday following the last Wednesday in September. The annual Commencement is held on the last Wednesday in June. The vacation begins at Commencement and ends on the last Wednesday in September. The Christmas recess begins on the 23d of December, and ends on the 2d of January. The Spring recess begins on the Sunday next preceding the 19th of April, or on Sunday the 19th of April when that day falls on Sunday, and ends on the following Saturday, both days inclusive. The twenty-second day of February, the thirtieth day of May, and Thanksgiving day are holidays.

9. DEGREES. The ordinary Degrees of Bachelor of Arts, Bachelor of Science, Master of Arts, Master of Science, Civil Engineer, Doctor of Philosophy, Doctor of Science, Bachelor of Divinity, Bachelor of Laws, Doctor of Medicine, Doctor of Dental Medicine, Doctor of Veterinary Medicine, and Bachelor of Agricultural Science are conferred, after recommendation by the several Faculties, by vote of the Corporation, with the consent of the Overseers. It is required that no candidate for the ordinary degrees be recommended, except after thorough public examination, and a residence at the University of at least one year. There are four grades of the degree of Bachelor of Arts and of the degree of Bachelor of Science, and two grades of the degree of Bachelor of Laws, of the degree of Doctor of Medicine, of the degree of Doctor of Dental Medicine, and of the degree of Doctor of Veterinary Medicine. Honorary degrees are conferred by vote of the Corporation, with the consent of the Overseers. The degrees conferred by the University are announced at Commencement.

10. STUDENTS NOT CANDIDATES FOR A DEGREE. Persons who are not candidates for a degree may be admitted to any of the courses of instruction given in the University, provided that they satisfy the appropriate Faculty of their fitness to pursue the particular courses which they elect. The several Faculties have the right to deprive any such student of his privileges, if he abuse or fail to use them.

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11. Bonds and Registration. Every student must, on his admission to any department of the University, give a bond to the Treasurer or the Bursar, in such a sum as shall from time to time be determined by the Corporation, for the payment of his dues to the University; or he must make payment in advance, or secure payment by a deposit. He must then enter his name, and such other particulars as may be required by the several Faculties, respectively, with the Dean of his Faculty.

12. Discipline. The several Faculties have authority to impose fines and levy assessments for damage done to property; to inflict, at their discretion, the penalties of admonition, suspension, dismission, and expulsion; and to use all other appropriate means of discipline; but no student shall be dismissed or expelled from the University except by a vote of at least two thirds of the members of his Faculty present and voting thereon. Suspension is a separation from the University for a fixed period of time. It may be accompanied with a requirement of residence in a specified place, and of the performance of specified tasks. Dismission closes a student's connection with the University, without necessarily precluding his return. Expulsion is the highest academic censure, and is a final separation from the University.

13. Parietal Board. The proctors and the officers of instruction who reside in University buildings, or in buildings to which the superintendence of the University extends, constitute the Parietal Board. It is their duty, under the direction of the Regent, to prevent offences against order and decorum within the University precincts, and to assist the Regent in his supervision of the buildings in which they live.

14. Regent. The Regent is a University officer who exercises a general supervision over the conduct and welfare of the students. It is his duty to direct the proctors who reside in University buildings, or in buildings to which the superintendence of the University extends. He is expected to inform himself of the condition and management of all buildings in which five or more students are lodged, or in which students' societies meet. He is also expected to inform himself fully about all students' societies and clubs, and to enforce the responsibility of the officers and members thereof for their proceedings.

15. University Preachers. Five preachers to the University are annually appointed by the President and Fellows, with the consent of the Board of Overseers, who, in conjunction with the Plummer Professor of Christian Morals, arrange and conduct the religious services of the University.

16. Religious Services. Daily prayers are held in the Chapel during term time.

Seats are provided, at the expense of the College, for all students who attend the Sunday services of the several religious denominations having established places of worship in the immediate vicinity of the College.

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17. Divinity School. No assent to the peculiar doctrines or practices of any denomination of Christians is required of instructors or students in the Divinity School.

18. Library. The Library in Gore Hall is for the use of the whole University. Its privileges are also granted, under special regulations, to persons not connected with the University.

The Librarian and the Assistant Librarians are chosen in the same manner as officers of instruction and government, and are under the same liability to removal.

The Librarian has the care and custody of the Library. It is his duty to superintend its internal administration, enforce the rules, and conduct the correspondence; and to make annually a written report on the condition of the Library to the Library Committee of the Overseers and to the President.

19. Council of the Library. The general control and oversight of the Library is committed to the Council of the Library, consisting of the President, the Librarian, and six other persons, who are appointed by the Corporation, with the consent of the Overseers, for the term of three years. Any vacancy occurring in the Council is filled in the same manner for the unexpired portion of the term.

It is the duty of the Council to make rules for the administration of the Library; to direct the purchase of books, to the extent of the funds applicable for that purpose; and to visit and inspect the Theological, Law, Medical, and other special libraries.

20. Appointment of Officers with the consent of the Overseers. The following officers are appointed by the Corporation with the consent of the Overseers: President, Treasurer, and Fellows; Deputy Treasurer; Professors; Professors Emeriti; Associate Professors; Assistant Professors; Preachers to the University; Deans; Tutors, Instructors, and Demonstrators for terms exceeding one year, and all other officers of instruction for terms exceeding one year; Regent; Secretary of the University; Members of the Administrative Boards; Members of the University Council, other than the President, Professors, and Assistant Professors; Members of the Council of the Library, other than the President and Librarian; Director of the Observatory; Director of the Botanic Garden; Director of the Arnold Arboretum; Director of the Chemical Laboratory; Director of the Jefferson Physical Laboratory; Director of the Museum of Comparative Zoölogy; Director of the Hemenway Gymnasium; Librarian (College); Librarian of the Divinity School; Librarian of the Law School; Medical Visitor; Trustees of the Museum of Fine Arts.

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COMMITTEES APPOINTED BY THE BOARD OF OVERSEERS.

1903

On Elections. — Moorfield Storey, George F. Hoar, James J. Storrow, Stephen M. Weld, Arthur Lincoln.

On Reports and Resolutions. — Charles F. Adams, Edwin P. Seaver, William A. Bancroft, Winslow Warren, Charles E. Norton, Francis L. Higginson, Moses Williams.

On Departments: —

To visit the Divinity School. — George A. Gordon, Alexander McKenzie, Charles F. Dole, Archibald M. Howe, George Batchelor, James DeNormandie, William H. Lyon, Charles P. Bowditch, Daniel Merriman.

To visit the Law School. — William C. Loring, Charles J. Bonaparte, Robert Grant, John Noble, Edmund Wetmore, Louis D. Brandeis, Joseph B. Warner, Henry W. Putnam.

To visit the Medical and Dental Schools. — Francis L. Higginson, David W. Cheever, Charles F. Folsom, George B. Shattuck, Henry F. Sears, Morrill Wyman, William Sturgis Bigelow, Henry H. Sprague, Luther D. Shepard.

To visit the Bussey Institution. — Francis H. Appleton, Moorfield Storey, Francis Shaw, C. Minot Weld, Lawrence Brooks, William S. Hall, Augustin H. Parker, Nathaniel I. Bowditch.

To visit the Library. — Herbert Putnam, George E. Adams, Charles S. Fairchild, Samuel Hill, Stephen Salisbury, Charles C. Smith, Elihu Chauncey, Samuel A. Green, Francis R. Appleton.

To visit the Observatory. — Edwin P. Seaver, Henry S. Huidekoper, Charles S. Fairchild, Simon Newcomb, Robert Treat Paine, Charles F. Choate, Francis H. Peabody, Charles P. Bowditch, George I. Alden, Anna P. Draper (Mrs. Henry Draper), George R. Agassiz.

To visit the Botanic Garden and Botanical Museum. — William A. Bancroft, David Pingree, Nathaniel C. Nash, Oliver Ames, Elliot C. Lee, Mary Lee Ware (Miss), Edwin F. Atkins, Arthur F. Estabrook, Walter Hunnewell.

To visit the Gray Herbarium. — Francis H. Peabody, Moses Williams, George G. Kennedy, Nathaniel T. Kidder, Emile F. Williams, Walter Deane, George W. Hammond, George R. White, Sarah E. Potter (Mrs. W. B. Potter), John E. Thayer, Joseph R. Leeson.

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To visit the Museum of Comparative Zoölogy. — Charles F. Folsom, Henry S. Huidekoper, David W. Cheever, Louis Cabot, Dudley L. Pickman, William Brewster.

To visit the Peabody Museum. — Augustus Hemenway, Charles P. Bowditch, Henry W. Haynes, Jesse W. Fewkes, Clarence J. Blake, Clarence B. Moore, Elliot C. Lee.

To visit the Arnold Arboretum. — Stephen M. Weld, Augustus Hemenway, Walter Hunnewell, Henry G. Russell, William B. de las Casas, Charles E. Stratton, Mary S. Ames (Miss), Abby A. Bradley (Miss), Nathan Matthews, Jr., John E. Thayer.

To visit the Lawrence Scientific School. — Francis L. Higginson, Morrill Wyman, Eliot C. Clarke, Erasmus D. Leavitt, John Lawrence, Abbott Lawrence Rotch, Charles H. Manning.

To visit the Jefferson Physical Laboratory and Department of Physics. — Francis Blake, James J. Storrow, T. Jefferson Coolidge, Elihu Thomson, Erasmus D. Leavitt, Frederick P. Fish, Abbott Lawrence Rotch.

To visit the Chemical Laboratory. — Edward D. Pearce, Charles F. Folsom, Wolcott Gibbs, Alexander Cochrane, Samuel Cabot, Edward Mallinckrodt, William H. Baldwin, Jr.

To visit the Stillman Infirmary. — Clarence J. Blake, David W. Cheever, Augustus Hemenway, Charles F. Folsom, Morrill Wyman, Philip B. Howard, George B. Shattuck.

On Physical Training, Athletic Sports, and Sanitary Condition of All Buildings. — George W. Weld, William A. Bancroft, Robert Bacon, Henry S. Huidekoper, Robert F. Clark, Edwin Farnham, Maurice H. Richardson, William Hooper, Clarence J. Blake.

On the Administration of the University Chapel. — Arthur T. Lyman, William Lawrence, Howard N. Brown, S. McChord Crothers, E. Winchester Donald, George Wigglesworth.

On the Treasurer's Accounts. — Moses Williams, Stephen M. Weld, Edmund Wetmore, Alfred Bowditch, Robert Gardiner, William C. Endicott, Gordon Abbott.

For the College: —

On Government. — William Lawrence, Moorfield Storey, Robert Grant, David W. Cheever, Samuel Hill, Gardiner M. Lane, Charles C. Jackson.

For the Courses of Instruction: —

On the Semitic Languages. — Jacob H. Schiff, Stephen Salisbury, George Wigglesworth, Isidor Straus.

On Indic Philology. — Edward H. Hall, A. V. Williams Jackson, William Sturgis Bigelow.

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On the Classics. — Gardiner M. Lane, Babson S. Ladd, Henry W. Haynes, James Loeb, Prentiss Cummings, W. Amory Gardner.

On English Literature. — T. Wentworth Higginson, Robert Grant, Henry A. Clapp, Bliss Perry, George W. Cooke.

On Composition and Rhetoric. — Charles F. Adams, George R. Nutter, Edward S. Martin, Hammond Lamont.

On Germanic Languages and Literatures. — Henry W. Putnam, Clement S. Houghton, Godfrey Morse, Frederic M. Holls, Louis Prang, Heinrich Conried, Frederick P. Fish.

On French. — J. Templeman Coolidge, Jr., Charles J. Bonaparte, James H. Hyde, Russell Sullivan, Howard G. Cushing, Francis McLennan.

On Italian, Spanish, and Romance Philology. — George B. Shattuck, Justin H. Smith, J. Randolph Coolidge, William R. Thayer, Henry R. Lang, James Geddes, Jr., Bennett H. Nash.

On Ancient History, Mediaeval History, and Roman Law. — John Noble, William Everett, Roger F. Sturgis, Arthur P. Stone.

On Modern History and International Law. — James F. Rhodes, William F. Wharton, William G. Peckham.

On Political Economy. — Arthur T. Lyman, Charles S. Fairchild, Horace E. Deming, John E. Thayer, John F. Moors.

On Philosophy. — George B. Dorr, Richard C. Cabot, Joseph Lee, Thomas W. Ward, Richard H. Dana, Reginald C. Robbins.

On Education. — William Everett, Edwin P. Seaver, John F. Moors, Margaret Lee (Mrs. Joseph Lee).

On Fine Arts and Architecture. — Charles E. Norton, Robert S. Peabody, R.Clipston Sturgis, Samuel D. Warren, Edmund M. Wheelwright, Francis Bartlett.

On Music. — Horatio A. Lamb, Arthur Foote, Frederic S. Converse, Charles S. Hamlin, Frank E. Peabody, George L. Osgood.

On Mathematics. — Seth C. Chandler, Percival Lowell, William Lowell Putnam.

On Engineering. — James J. Storrow, Samuel Hill, Charles H. Manning, Joseph R. Worcester, Frederick P. Fish, Edward W. Rice, Jr., Edmund A. Stanley Clark, Charles C. Schneider.

On Botany. — George R. Shaw, Nathaniel C. Nash, George G. Kennedy, Walter Deane, Edward L. Rand.

On Zoölogy. — David W. Cheever, Samuel Hill, William Brewster.

On Geology, Mineralogy, and Petrography. — Charles Fairchild, George P. Gardner, Raphael Pumpelly, William Sturgis Bigelow.

On Mining and Metallurgy. — Charles P. Perin, R. Alexander F. Penrose, Jr., Quincy A. Shaw, Jr., Edgar C. Felton, Hennen Jennings.

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DEPARTMENTS

UNDER THE CHARGE OF THE

FACULTY OF ARTS AND SCIENCES

NAMELY

HARVARD COLLEGE
THE LAWRENCE SCIENTIFIC SCHOOL
THE GRADUATE SCHOOL

HARVARD COLLEGE, from its foundation in 1636 until the establishment of professorships in Medicine in 1782, comprised the whole of the institution now called Harvard University. It conferred the degrees of Bachelor and Master of Arts. The term University was applied to it in 1780, in the Constitution of the Commonwealth of Massachusetts; and this designation acquired a wide currency and official sanction. Harvard College is now, by the Statutes, the name of a single department of Harvard University. But the whole University is governed by the President and Fellows and the Board of Overseers of Harvard College. Students in Harvard College may attain the degree of Bachelor of Arts.

The SCIENTIFIC SCHOOL was instituted by the Corporation and Overseers of Harvard College in February, 1847. It took its present name — LAWRENCE SCIENTIFIC SCHOOL — at the following Commencement, in recognition of a gift of fifty thousand dollars from the Hon. Abbott Lawrence, of Boston. It was opened to students in February, 1848. It was at first announced as an advanced school in Science and Literature, for graduates and other sufficiently qualified persons, of not less than eighteen years of age, and was, therefore, in its origin, a forerunner of the Graduate School. Most of its early students were college graduates or men of mature age, who came to the School for the professional study of a special subject. The instruction originally proposed in Literature was, however, never organized. It is now a school which receives suitably prepared graduates of secondary schools, as well as older students, and offers chiefly training in the various branches of natural and applied science. Its students may attain the degree of Bachelor of Science.

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The GRADUATE SCHOOL has come into existence as a result of action taken in January, 1872, by the Corporation and Overseers of Harvard College, in the establishment of higher degrees in Arts, Science, and Philosophy, to follow upon the degrees of Bachelor of Arts and Bachelor of Science, and has had for its object the development of instruction suited to the needs of persons qualifying themselves for such higher degrees, or otherwise engaged in advanced study. Until 1890, it had little formal organization, and was known as the Graduate Department. In 1890, it was more solidly established under the name of the Graduate School. Many students come to the Graduate School for the sake of instruction only, and do not apply for a degree. Students in the School may attain the degree of Bachelor of Arts, Master of Arts, Master of Science, Doctor of Philosophy, or Doctor of Science, on satisfying the conditions of admission to candidacy, and fulfilling the requirements for the degree, in each case.

The FACULTY OF ARTS AND SCIENCES was instituted in 1890, and is invested by the Statutes of the University with the immediate charge of Harvard College, the Lawrence Scientific School, and the Graduate School, which were, before that date, under the government of the College Faculty, the Scientific Faculty, and the Academic Council, respectively.

For each of these three departments, there is an Administrative Board, which is appointed from among the members of the Faculty of Arts and Sciences, and is subject to the authority of that Faculty. All powers relating to ordinary matters of administration and discipline, except the power to inflict the penalties of dismission and expulsion, are delegated by the Faculty to the Administrative Boards.

The Faculty of Arts and Sciences exercises directly, for the three departments of the University under its charge, all powers not delegated by it to the Administrative Boards or to Standing Committees; including those of instituting requirements for admission and for the several degrees, of laying out courses of instruction and establishing regulations concerning the choice of studies, of framing rules of discipline, of making recommendations for degrees to the President and Fellows of Harvard College, of administering prizes, and of making nominations for fellowships and scholarships.

The degrees under the charge of the Faculty of Arts and Sciences are the ordinary degrees of Bachelor of Arts, Bachelor of Science, Master of Arts, Master of Science, Doctor of Philosophy, and Doctor of Science.

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THE FACULTY OF ARTS AND SCIENCES WITH ITS COMMITTEES AND BOARDS.

FACULTY OF ARTS AND SCIENCES.

CHARLES WILLIAM ELIOT, A.M., LL.D., PRESIDENT.

LE BARON RUSSELL BRIGGS, A.M., LL.D., DEAN, and *Professor of English.*

ADAMS SHERMAN HILL, A.B., LL.B., *Professor of Rhetoric and Oratory.*

JAMES MILLS PEIRCE, A.M., *Professor of Astronomy and Mathematics.*

CRAWFORD HOWELL TOY, A.M., LL.D., *Professor of Hebrew.*

JOHN KNOWLES PAINE, A.M., Mus.D., *Professor of Music.*

GEORGE LINCOLN GOODALE, M.D., LL.D., *Professor of Natural History*, and *Director of the Botanic Garden.*

CHARLES HERBERT MOORE, A.M., *Professor of Art*, and *Director of the Fogg Art Museum.*

FREDERIC WARD PUTNAM, A.M., S.D., *Professor of American Archaeology and Ethnology*, and *Curator of the Peabody Museum.*

NATHANIEL SOUTHGATE SHALER, S.D., *Professor of Geology*, and *Dean of the Lawrence Scientific School.*

CLEMENT LAWRENCE SMITH, A.M., LL.D., *Professor of Latin.*

GEORGE HERBERT PALMER, A.M., Litt.D., LL.D., *Professor of Philosophy.*

JOHN TROWBRIDGE, S.D., *Professor of Physics*, and *Director of the Jefferson Physical Laboratory.*

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For the names of Lecturers, Instructors, and Assistants, associated with the Faculty of Arts and Sciences, see pages 18–24.

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In each of the Divisions is a Division Committee, consisting of all the regular teachers in the Division who are members of the Faculty. But, in any Division which is composed of Departments, the Division Committee may, at its discretion, divide itself into Department Committees; may transfer to the Department Committees any part or the whole of the ordinary administration of their respective Departments, as defined below; and may empower the Department Committees to report directly to the Faculty.

The ordinary administration of a Division or Department includes: the proposal of courses of instruction to the Committee on Instruction; the examination of candidates for Second-Year Honors, if such honors are offered, and the nomination of students to the Faculty for Second-Year Honors; the preparation of papers for the admission examinations, when required; the care of departmental libraries; the supervision of departmental publications, when specially referred to the Division or Department; the arrangement and regulation (when combined action seems desirable) of seminaries, conferences, clubs, reading-courses, lectures, and the like; the supervision of holders of fellowships, pursuing studies in Cambridge or elsewhere; the nomination of assistants and of instructors for terms not exceeding one year; and the general promotion and usefulness of the Division or Department.

In every Division in which either Final (Baccalaureate) Honors or the degree of Doctor of Philosophy or the degree of Doctor of Science may be attained, the Division Committee, with such additional members as may be appointed, is organized as the *Committee on Honors and Higher Degrees* in that Division, and has charge (under the regulations of the Faculty) of fixing the requirements, examining candidates, and making nominations, for Final Honors and for the degrees of Ph.D. and S.D., and in special cases for that of A.M. But the Department Committee for the Department of English has the charge of Honors in English, and for this purpose has the organization and duties of a Committee on Honors.

Every Committee on Honors and Higher Degrees must consist of at least five members; and may include, besides the members of the Division Committee, not more than two members of the Faculty who are not teachers in the Division, and also not more than two persons who are not members of the Faculty; the additional members selected to be approved, before their appointment, by the Division Committee.

Every Committee on Honors and Higher Degrees acts without division into Departments. It may delegate the actual minute examination of candidates and theses to special sub-committees, for which it may obtain the services of any suitable persons, whether members of the Faculty or not; but the Committee is held responsible for all nominations for Honors and Degrees.

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A student who wishes to enter Harvard College or the Lawrence Scientific School as a candidate for a degree must ordinarily pass an examination for admission; but if he comes from another college or scientific school, he may be admitted without complete examination. Special Students also — that is, students not candidates for a degree, — are admitted without complete examination. For the admission of students from other colleges and scientific schools, see pages 331, 332. For the admission of Special Students, see page 336–338.

EXAMINATIONS FOR ADMISSION.

Examinations for admission to Harvard College and the Lawrence Scientific School are held in June both at Cambridge and at the places named on pages 333, 334; in September they are held at Cambridge only. For the regulations concerning the division of the examination into a Preliminary and a Final Examination, taken in two different years, or — in the case of a student who takes the whole examination in *one* year — the division of the Final Examination between June and September of that year, see pages 305, 306. For the hours set for examinations, see pages 335, 336.

GENERAL REGULATIONS.

Registration Blanks.

Any one expecting to take admission examinations should register for such examinations on a form which may be obtained from the Secretary of the Faculty. When writing for this form he should say whether he intends to take examinations for Harvard College or for the Lawrence Scientific School, and whether he is a Preliminary or a Final Candidate. The Registration Blanks of all candidates who wish to take examinations in June should be properly filled and in the hands of the Secretary by June 10; those of candidates who wish to take examinations in September, by September 10.

Certificates of Honorable Dismissal.

Every candidate for admission to Harvard College or the Lawrence Scientific School is required to furnish a certificate of honorable dismissal from the school or college which he has attended, or from the tutor

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with whom he has studied. When a candidate has been in regular attendance at a school or academy for any part of the year preceding his Final Examination, a certificate from a private tutor is not in itself sufficient. The certificate of honorable dismissal may be presented at the time of the Final Examination.

Division of the Examination.

A candidate for admission to Harvard College or to the Lawrence Scientific School may take the entire examination at one time; or he may divide it, under conditions named below, (1) between two years, or (2) between June and September of the same year. If he divides it between two years, he is known in the first year as a "Preliminary Candidate"; if between June and September of the same year, as a "Postponing Candidate." Teachers and candidates should carefully distinguish between the words "Preliminary" and "Postponing" as used at examinations for admission, since a careless use of one of these words for the other leads to serious misunderstanding. A Preliminary Examination is always taken a year or more before the Final Examination. Postponing Candidates, whether in September or in June, are taking Final Examinations. A candidate holding a Preliminary Certificate may, under certain conditions, divide his Final Examination between June and September (see p. 306).

In each study numbered in bold-face type (**1**, **2**, **3**, etc.), there is one examination which cannot be divided.

1. Preliminary Examination.

For a Preliminary Examination candidates are expected to present themselves in June. No Preliminary Candidate for Harvard College will be examined in September without special permission from the Dean of Harvard College; nor for the Scientific School, without special permission from the Dean of the Scientific School.

Candidates may offer themselves for the Preliminary Examination in any studies, Elementary or Advanced, *in which their teachers certify that they are prepared, and in no others.* On the Registration Blank (see p. 304), which must be in the hands of the Secretary of the Faculty, by June 10, is printed the following form: —

"..... has been my pupil for ..... years, and is, in my judgment, prepared to pass the Harvard Preliminary Examination in the following studies.
Name of Teacher:..... Name of School:..... Address:....."

This form must be filled and signed by the candidate's teacher. When a candidate has been in regular attendance at a school or academy for any part of the year preceding his Preliminary Examination, his certificate must be signed by the principal of that school or academy.

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A Preliminary Certificate will be granted to any candidate for admission to Harvard College who passes the examination in studies rated in the aggregate at *eight* points.

A Preliminary Certificate will be granted to any candidate for admission to the Scientific School who passes in studies rated in the aggregate at *six* points.

2. Postponing.

A candidate who presents himself in June intending to pass the whole examination in the same year may, under certain conditions, postpone a part of his examination until September. Such a candidate must register in June not as a *Preliminary* but as a *Final* Candidate.

A candidate for admission to Harvard College may postpone studies rated in the aggregate at not more than *ten* points.

A Postponing Candidate for Harvard College will not be examined in September in any study in which he has failed in June; and he may not even be allowed to take examinations in September if his record in June seems to warrant the belief that he is not prepared to enter College that year.

On the back of the Registration Blank (see p. 304), which should be in the hands of the Secretary of the Faculty by June 10, is printed the following form for postponing candidates for admission to Harvard College: —

"..... has been my pupil for ..... years. He offers himself for admission to Harvard College this year with my consent and approval, postponing part of the examination until September. He will present himself for examination in June in the following studies:"

This form must be filled and signed by the candidate's teacher. (It is not required of candidates for the Scientific School.)

A Postponing Candidate for admission to the Scientific School will receive no credit for the examination held in June, unless at that examination he passes in studies rated in the aggregate at *six* points.

When a candidate has been in regular attendance at a school or academy for any part of the year preceding his examination, his certificate must be signed by the principal of that school or academy. With the approval of the principal or (in case the candidate has attended no school in the year preceding his Final Examination) with the approval of a responsible tutor, a candidate holding a Preliminary Certificate may divide his Final Examination between June and September.

Fees.

A fee of five dollars must be paid *in advance* by every candidate. It should be sent by check, post-office order, or registered letter to Charles F. Mason, Bursar, Dane Hall, Cambridge, Mass., and should be in the

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Bursar's hands not later than *June 10*. The sender of this fee should be careful to name the candidate for whom the fee is paid, and the place at which the candidate will take his examinations.

The whole fee of a candidate who purposes to divide his examination is to be paid before his first examination.

Persons who do not intend to enter the University will be admitted to the examinations on payment of a fee of five dollars; and, if successful in fulfilling the requirements either for Harvard College or for the Lawrence Scientific School, will receive certificates to that effect.

Good English.

Clear and idiomatic English is expected in all examination papers and note-books written by candidates for admission. Teachers are requested to insist on good English, not only in translations, but in every exercise in which the pupil has occasion to write or to speak English.

Laboratory Examinations.

A candidate who is examined in any study in which a laboratory examination is held will hand in his laboratory note-book at *the hour of the laboratory examination*. Laboratory note-books will be deposited, after examination, in the College office, where they will be kept for one year, subject to the order of the owners.

A candidate examined in June at any place where a laboratory examination is not provided will be required to take such an examination in Cambridge in the autumn; but if he passes the written examination in June and presents a satisfactory note-book, the subject will be temporarily counted in his favor in determining the question of his admission to College. Similarly, a Preliminary Candidate is allowed to postpone his laboratory examination until September of the year in which he enters College.

Examination Papers.

A set of recent examination papers will be sent free to any address, on application to the Publication Agent of the University, No. 2 University Hall, or for the Lawrence Scientific School, to the Secretary of that School, No. 16 University Hall. Separate papers may be had in quantities of not less than *six* copies of any *one paper* (not one each of six different papers) at ten cents a dozen.

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STUDIES IN WHICH EXAMINATIONS ARE HELD.

Examinations for admission to Harvard College or to the Lawrence Scientific School will be held in the studies contained in the following list and in accordance with the requirements in each study therein defined. For the terms of admission to Harvard College, see p. 325; for the terms of admission to the Lawrence Scientific School, see p. 327.

For regulations relating to the division of the examination, see pages 305, 306.

1. English.

A candidate for admission to Harvard College or the Lawrence Scientific School may take either of the examinations, (a) and (b), described below. If he passes (b) he is exempt from the prescribed English of the Freshman year (English A); but if he passes it with Grade D he is required to take before the end of his second year a half-course in English Composition in addition to his regular elective courses.

(a) *Elementary English.*

The examination will consist of two parts, which, however, cannot be taken separately: —

I. The candidate will be required to write a paragraph or two on each of several topics chosen by him from a considerable number — perhaps ten or fifteen — set before him on the examination paper.

In 1903, 1904, and 1905 the topics will be drawn from the following works: —

Shakspere's Merchant of Venice and Julius Caesar; The Sir Roger de Coverley Papers in the Spectator; Goldsmith's Vicar of Wakefield; Coleridge's Ancient Mariner; Scott's Ivanhoe; Carlyle's Essay on Burns; Tennyson's Princess; Lowell's Vision of Sir Launfal; George Eliot's Silas Marner.

In 1906 the topics will be drawn from the following works: —

Shakspere's Macbeth and The Merchant of Venice; The Sir Roger de Coverley Papers in the Spectator; Irving's Life of Goldsmith; Coleridge's The Ancient Mariner; Scott's Ivanhoe and The Lady of the Lake; Tennyson's Gareth and Lynette, Lancelot and Elaine, and The Passing of Arthur; Lowell's The Vision of Sir Launfal; George Eliot's Silas Marner.

The candidate is expected to read intelligently *all* the books prescribed. He should read them as he reads other books; he is expected, not to know them minutely, but to have freshly in mind their most important parts. In every case the examiner will regard knowledge of the book as less important than ability to write English.

As additional evidence of preparation, the candidate may present an exercise-book, properly certified by his instructor, containing compositions or other written work.

II. A certain number of books will be prescribed for careful study. This part of the examination will be upon subject-matter, literary form, and logical structure, and will also test the candidate's ability to express

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his knowledge with clearness and accuracy. The books prescribed for this part of the examination in 1903, 1904, and 1905 are: —

Shakspere's Macbeth; Milton's Lycidas, Comus, L'Allegro, and Il Penseroso; Burke's Speech on Conciliation with America; Macaulay's Essays on Milton and Addison.

The books prescribed for this part of the examination in 1906 are :—

Shakspere's Julius Caesar; Milton's L'Allegro, Il Penseroso, Comus, and Lycidas; Burke's Speech on Conciliation with America; Macaulay's Essay on Milton, and Life of Johnson.

No candidate will be accepted in English whose work is seriously defective in point of spelling, punctuation, grammar, or division into paragraphs.

In connection with the reading and study of the prescribed books, parallel or subsidiary reading should be encouraged, and a considerable amount of English poetry should be committed to memory. The essentials of English grammar should not be neglected in preparatory study.

The English written by a candidate in any of his examination-books may be regarded as part of his examination in English, in case the evidence afforded by the examination-book in English is insufficient.

A candidate who has passed this examination in Elementary English with a grade of *A* or *B* may take a second examination, which, if passed with a grade of *A* or *B*, shall exempt him from the prescription of English *A* (prescribed Freshman English).

At this examination, which will be held in September only, a candidate will write one or more compositions on topics to be selected by him from a list comprising subjects in English Literature, the Classics, French and German authors, History, and Science. The examination will occupy two hours.

(*b*) ***English.***

The examination will consist of questions in Rhetoric,* questions in Literary History from the time of Shakspere, and compositions based on the following works:

Palgrave:
Golden Treasury (First Series)

Shakspere:
Julius Caesar
The Merchant of Venice
Macbeth
Twelfth Night *or* As You Like It
King Lear *or* Hamlet

Milton:
L'Allegro
Il Penseroso
Comus

Bunyan:
The Pilgrim's Progress, *or*

Defoe:
Robinson Crusoe

Dryden:
Alexander's Feast
To the Memory of Mr. Oldham
Upon the Death of the Earl of Dundee

Swift:
The Voyage to Lilliput

* A. S. Hill's Principles of Rhetoric is used for the corresponding study in Harvard College, and is recommended for use in preparation for this examination.

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Addison and Steele:
The Sir Roger de Coverley Papers

Pope:
Epistle to Arbuthnot

Goldsmith:
The Vicar of Wakefield
The Deserted Village

Scott:
The Lady of the Lake
Ivanhoe
Quentin Durward

Macaulay:
Life of Johnson
Lays of Ancient Rome

Byron:
Mazeppa
The Prisoner of Chillon

Irving:
The Legend of Sleepy Hollow
Rip Van Winkle
Tales of a Traveller

Thackeray:
Henry Esmond

Dickens:
A Tale of Two Cities *or* David Copperfield

Browning: Selections; for example,
Cavalier Tunes
The Lost Leader
How They Brought the Good News from Ghent to Aix
Evelyn Hope
Home Thoughts, from Abroad
Home Thoughts, from the Sea
Incident of the French Camp
The Boy and the Angel
One Word More
Hervé Riel
Pheidippides

Tennyson: Selections; for example,
Enid
Elaine
The Passing of Arthur
The Lady of Shalott
The Lotus Eaters
Ulysses
Tithonus
The Revenge

Franklin:
Autobiography

Hawthorne:
The House of the Seven Gables

Longfellow:
Tales of a Wayside Inn

Lowell:
The Vision of Sir Launfal

The candidate is expected to read all the books prescribed.* He should read them as he reads other books, — not trying to remember them in detail, but regarding each work as a whole and giving it such appreciation as shall enable him to write about it intelligently. In every case the examiner will regard knowledge of the books as less important than ability to write English; if the examination book in English affords insufficient evidence, he will examine the written work of the candidate in other subjects.

No candidate will be accepted in English whose work is seriously faulty in spelling, grammar, punctuation, or division into paragraphs.

* In connection with the prescribed books, parallel or subsidiary reading should be encouraged, and a considerable amount of English poetry committed to memory.

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Preparation for the examination should occupy at least three school hours, or periods, a week for four years. Throughout the course frequent short compositions should be required as well as occasional long ones. Topics should be chosen by the pupil himself whenever that is possible; and the topics assigned by the instructor should be within the range of the pupil's knowledge and sympathies, and should be such as to awaken interest and stimulate intelligence. Criticism should be constant and thorough; it should take account of merits as well as of faults, and should never interfere with the honest expression of opinion or with the free play of individuality in thought and expression. Mechanical methods of every kind should be avoided; and attention should be fixed on principles rather than rules.

As to the right way of studying Rhetoric, attention is called to the following extract from the Report of the Vassar Conference: *

"Though it is clear that the power to write a language can be obtained only by unremitting practice, yet, in the opinion of the Conference, such practice may properly be accompanied and illustrated by a course in elementary rhetoric. This course should include not only the principles of clearness, force, and good taste, but the principles of the arrangement of clauses in the sentence and of sentences in the paragraph. The teacher should bear in mind that any body of written English, of whatever length, is an organic unit, with principles that apply as well to the arrangement of the minor elements as to the grouping of the larger divisions of essay or book. Especial care should be taken that rhetoric is not studied by itself or for its own sake. Its connection with the pupil's actual written or spoken exercises should be kept constantly in view."

In 1903 the examination will be held on Friday, June 26th, at all the places where other examinations for admission are held, and on Friday, September 25th, at Cambridge only. It will occupy three hours, beginning at 3 P.M.

After 1903 the examination for the anticipation of English *A* (p. 330) will be withdrawn.

2, 3. Greek.

2. *Elementary Greek.*

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. The two parts of the examination cannot be taken separately: —

(*a*) The translation at sight of simple Attic prose. (The passages set for translation must be rendered into simple and idiomatic English.)

* Report of the Committee of Ten, page 95, section 8.

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(*b*) A thorough examination on a prescribed portion of Xenophon (about thirty pages*), directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions, and idioms only as occur in the portion of Xenophon prescribed.

The portion of Xenophon prescribed for this examination is the second book of the Anabasis. Two years' notice will be given of any change in the selection.

3. *Advanced Greek.*

The examination will be adapted to the proficiency of those who have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. The second part of the examination (Greek Composition) is optional, and may be omitted without loss of credit: —

(*a*) The translation at sight of Attic prose and of Homer, with questions designed to test the candidate's understanding of the passages set, and questions on ordinary forms, constructions, and idioms, and on prosody. (The passages set for translation must be rendered into simple and idiomatic English.)

(*b*) The translation into Attic prose of a short passage of connected English narrative. (The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for College, and will be limited to the subject-matter of those works.)

The estimate of the periods of study necessary to prepare for the elementary and advanced examinations in Greek is based on the assumption that the candidate has begun the study of Latin at least a year earlier, and has continued it along with his Greek course; otherwise the periods specified would not be sufficient.

In preparation for the elementary examination in Greek, candidates should read from 130 to 170 pages* of Attic prose. For the advanced examination candidates should read from 30 to 50 pages more of Attic prose, and from 3000 to 5000 verses of Homer. The reading of Homer may be advantageously begun with a thorough study of Iliad, Books I and II (to the catalogue of ships).

The pupil should be constantly guided in proper methods of reading, and trained to read the Greek intelligently, as Greek, before undertaking to render it into idiomatic English. There should be constant practice in reading aloud, with due expression, and in hearing the language read. In connection with the reading, to ensure thoroughness and accuracy in the pupil's understanding of the language, the study of grammar, with some practice in writing Greek, should be maintained throughout the course. There should also be frequent written translations into idiomatic English.

To prepare for the examination in Greek Composition, pupils should be trained, from an early stage of the preparatory course, to render into Greek, not merely detached sentences, illustrative of constructions, but also passages of connected narrative or description, prepared by the teacher on the basis of the prose authors read.

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* The pages of the more recent Teubner text editions are taken as a standard in this statement.

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4, 5. Latin.

4. *Elementary Latin.*

The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five lessons a week, extending through at least *three* school years. The two parts of the examination cannot be taken separately: —

(*a*) The translation at sight of simple Latin prose and verse. (The passages set for translation must be rendered into simple and idiomatic English.)

(*b*) A thorough examination on a prescribed portion of Cicero's speeches (about thirty pages*), directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Latin prose, involving the use of such words, constructions, and idioms only as occur in the speeches prescribed.

The portion of Cicero prescribed for this examination is the second, third, and fourth speeches against Catiline. Two years' notice will be given of any change in the selection.

5. *Advanced Latin.*

The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five lessons a week, extending through at least *four* school years. The two parts of the examination cannot be taken separately: —

(*a*) The translation at sight of Latin prose and verse, with questions designed to test the candidate's understanding of the passages set, and questions on ordinary forms, constructions, and idioms, and on prosody. (The passages set for translation must be rendered into simple and idiomatic English.)

(*b*) The translation into Latin prose of a short passage of connected English narrative. (The passage set for translation will be based on some portion of the Latin prose works usually read in preparation for College, and will be limited to the subject-matter of those works.)

The estimate of the periods of study necessary to prepare for the examinations in Latin is made with reference to schools which have a four years' course. Schools which have a five years' course may more advantageously provide for beginning the study of Latin in the first year, with some diminution, if necessary, of the time devoted to it in the last years of the course.

The course of reading pursued in preparation for the examinations in Latin should include: —

(*a*) Easy reading, included in or following a suitable introductory book ('Latin Lessons'), amounting to from 30 to 40 pages;*

* See footnote, p. 312.

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(*b*) Nepos (Lives) and Caesar (Gallic War), 90 to 120 pages;

(*c*) Cicero, 90 to 120 pages, including the four speeches against Catiline and the speech on the Manilian Law, with additional speeches selected by the teacher;

(*d*) Virgil and Ovid, 6000 to 10,000 verses, including the first six books of the Aeneid.

Preparation for the elementary examination alone should include (*a*) and (*b*), the four speeches against Catiline, and from 2000 to 3000 verses of Virgil, or of Ovid and Virgil.

The pupil should be constantly guided in proper methods of reading, and trained to read the Latin intelligently, as Latin, before undertaking to render it into idiomatic English. There should be constant practice in reading aloud, with due expression, and in hearing the language read. In connection with the reading, to ensure thoroughness and accuracy in the pupil's understanding of the language, the study of grammar, with some practice in writing Latin, should be maintained throughout the course. There should also be frequent written translations into idiomatic English.

To prepare for the examination in Latin Composition, pupils should be trained, from an early stage of the preparatory course, to render into Latin not merely detached sentences, illustrative of constructions, but also passages of connected narrative or description, prepared by the teacher on the basis of the prose authors read.

6, 7. German.

6. *Elementary German.*

(*a*) The translation at sight of simple German prose. (The passages set for translation must be rendered into simple and idiomatic English.)

(*b*) The translation into German of simple English sentences, or of easy connected prose, to test the candidate's familiarity with elementary grammar.

The passages set for translation into English will be suited to the proficiency of candidates who have read not less than two hundred pages of easy German (including reading at sight in class).

Grammar should be studied concurrently with the reading as an indispensable means of ensuring thoroughness and accuracy in the understanding of the language. The requirement in elementary grammar includes the conjugation of the weak and the more usual strong verbs; the declension of articles, adjectives, pronouns, and such nouns as are readily classified; the commoner prepositions; the simpler uses of the modal auxiliaries; the elements of syntax, especially the rules governing the order of words.

Pronunciation should be carefully taught, and the pupils should have frequent opportunities to hear German spoken or read aloud. The writing of German from dictation is recommended as a useful exercise.

7. *Advanced German.*

(*a*) The translation at sight of ordinary German. (The passages set for translation must be rendered into simple and idiomatic English.)

(*b*) The translation into German of a connected passage of English prose, to test the candidate's familiarity with grammar. Proficiency in grammar may also be tested by direct questions.

The passages set for translation into English will be suited to the proficiency of those who have read, in addition to the amount specified under Elementary German, not less than five hundred pages of classical and contemporary prose and verse. It is recommended that the reading be selected from such works as the following: Riehl, *Culturgeschichtliche Novellen;* Freytag, *Bilder aus der deutschen Vergangenheit, Die*

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Journalisten; Kohlrausch, *Das Jahr 1813;* Schiller, *Der dreissigjährige Krieg, Wilhelm Tell, Maria Stuart, Die Jungfrau von Orleans;* Goethe, *Hermann und Dorothea, Egmont, Iphigenie;* Lessing, *Minna von Barnhelm.* About one half of the amount read should be Nineteenth Century prose.

In the translation into German, candidates will be expected to show a thorough knowledge of accidence, the elements of word-formation, the principal uses of prepositions and conjunctions, and the essentials of syntax, especially the uses of the modal auxiliaries, and of the subjunctive and infinitive modes.

It is recommended that the candidate be trained to follow a recitation conducted in German and to answer in that language questions asked by the instructor.

8, 9. French.

8. *Elementary French.*

(*a*) The translation at sight of ordinary Nineteenth Century prose. (The passages set for translation must be rendered into simple and idiomatic English.)

(*b*) The translation into French of simple English sentences or of easy connected prose, to test the candidate's familiarity with elementary grammar. Proficiency in grammar may also be tested by direct questions, based on the passages set for translation under (*a*).

The passages set for translation into English will be suited to the proficiency of candidates who have read not less than four hundred pages (including reading at sight in class) from the works of at least three different authors. It is desirable that a portion of the reading should be from works other than works of fiction.

Grammar should be studied concurrently with the reading as an indispensable means of ensuring thoroughness and accuracy in the understanding of the language. The requirement in elementary grammar includes the conjugations of regular verbs, of the more frequent irregular verbs, such as *aller, envoyer, tenir, pouvoir, voir, vouloir, dire, savoir, faire,* and those belonging to the classes represented by *ouvrir, dormir, connaitre, conduire,* and *craindre;* the forms and positions of personal pronouns and of possessive, demonstrative, and interrogative adjectives; the inflection of nouns and adjectives for gender and number, except rare cases; the uses of articles, and the partitive constructions.

Pronunciation should be carefully taught, and pupils should have frequent opportunities to hear French spoken or read aloud. The writing of French from dictation is recommended as a useful exercise.

9. *Advanced French.*

(*a*) The translation at sight of standard French. (The passages set for translation must be rendered into simple and idiomatic English.)

(*b*) The translation into French of a connected passage of English prose, to test the candidate's familiarity with grammar. Proficiency in grammar may also be tested by direct questions.

The passages set for translation into English will be suited to the proficiency of candidates who have read, in addition to the amount specified under Elementary French, not less than six hundred pages of prose and verse from the writings of at least four standard authors. A considerable part of the amount read should be carefully translated into idiomatic English.

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Candidates will be expected to show a thorough knowledge of accidence and familiarity with the essentials of French syntax, especially the uses of tenses, modes, prepositions, and conjunctions.

It is recommended that the candidate be trained to follow a recitation conducted in French and to answer in that language questions asked by the instructor.

10, 11. History (including Historical Geography).

10. *Elementary History.*

Either of the two following groups, each including two fields of historical study: —

1. *Greek and Roman History.* — (*a*) Greek History to the death of Alexander, with due reference to Greek life, literature, and art. (*b*) Roman History to the accession of Commodus, with due reference to literature and government.

2. *English and American History.* — (*a*) English History, with due reference to social and political development. (*b*) American History, with the elements of Civil Government.

For preparation in each of the two historical fields presented, a course of study equivalent to at least three lessons a week for one year will be necessary.

The candidate will be expected to show on examination such general knowledge of each field as may be acquired from the study of an accurate text-book of not less than 300 pages, supplemented by suitable parallel readings amounting to not less than 500 pages. The examination will call for comparison of historical characters, periods, and events, and in general for the exercise of judgment as well as of memory. Geographical knowledge will be tested by means of an outline map.

In the judgment of the Department of History it is desirable that Greek and Roman History be offered as a part of the preparation of every candidate.

11. *Advanced History.*

Any one of the four courses of study which follow: —

1. Greek History to the destruction of Corinth and Roman History to the death of Constantine (open to those candidates only who have offered English and American History as an elementary study).

2. English History and American History (open to those candidates only who have offered Greek and Roman History as an elementary study).

3. European History from the Germanic conquests to the beginning of the Seventeenth Century.

4. A year's study of any one of the four historical fields defined under Elementary History and not already offered by the candidate, together with a year's detailed study of a limited period within that field, selected with the approval of the Department of History.*

* For example, the Spartan and Theban supremacies, the period of the Punic wars, the Stuart Period, the transition from the American colonial to the federal system. The examination in the second part of 4 will be specially adapted to the particular period selected and will be held in Cambridge only.

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In every case the candidate will be expected to show on examination such an acquaintance with the whole field as may be gained from the study of good text-books, together with substantial parallel readings, and, further, such a detailed knowledge of some part of the field as may be gained from suitable topical study. A higher standard of acquirement and of power to combine results will be expected than in the elementary requirement.

As further evidence of the candidate's proficiency satisfactory written work, done at school and certified by the teacher, must be submitted at the time of the examination. It must be presented in the form of a note-book (or bound collection of notes), containing not less than 50 written pages on each historical field offered, and must show practice in some of the following exercises:—

(*a*) Notes and digests of the pupil's reading outside of the text-books.

(*b*) Brief written tests requiring the application to new questions of knowledge previously acquired.

(*c*) Parallels between historical characters or periods.

(*d*) Short studies of topics limited in scope, prepared outside of the class-room and illustrated by some reference to contemporary material.

(*e*) Historical maps or charts showing explorations, migrations, conquests, territorial changes, or social conditions.

12–15. Mathematics.

A thorough practical acquaintance with ordinary Arithmetic is assumed as underlying all preparation in Mathematics. Knowledge of the fundamental principles of Arithmetic and careful training in accurate computation with whole numbers and with vulgar and decimal fractions form an essential part of early school work. But the pupil's time should not be wasted in the solution by arithmetic of puzzling problems which properly belong to algebra, or in complicated and useless reductions, or in the details of commercial arithmetic. It is desirable that some familiarity with algebraic expressions and symbols, including the methods of solving simple equations, be acquired in connection with the course in Arithmetic.

Elementary Mathematics.

12. *Elementary Algebra.*—Algebra, through Quadratic Equations.

The requirement in Algebra includes the following subjects: factors, common divisors and multiples, fractions, ratios and proportions; negative quantities and the interpretation of negative results, the doctrine of exponents; radicals and equations involving radicals; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; arithmetical and geometrical progressions; putting questions into equations and the reduction of equations; the ordinary methods of elimination and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities and of problems leading to such equations.

The student should cover carefully the whole ground here specified, and should acquire a thorough understanding not only of the practice, but of the reasons involved in the elementary algebraic rules; for example, in the rules of multiplication, of signs, and of exponents, in the rules for fractions, and in those relating to the reduction and solution of equations. He should train himself to practical skill by the solution of a large number of examples, and should learn to do his work with reasonable quickness, as well as with confidence, accuracy, and clearness. The solution of fairly complicated literal quadratics, the various methods of elimination for equations of the first two degrees, the putting of problems in a neat manner into equations, and the working of the various algebraic

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operations both for integral and fractional expressions may be mentioned as important subjects of attention. The student should be taught to arrange his work in a clear, orderly, and compact fashion.

The time supposed to be devoted to the systematic study of the requirement in Algebra is the equivalent of a course of three lessons a week through two school years.

13. *Geometry.* — Plane and Solid Geometry, including problems in mensuration of plane and solid figures, and original propositions in Plane Geometry.

Geometric education should begin in the kindergarten or primary school, where the child should acquire familiarity through the senses with simple geometric forms, by inspecting, drawing, modelling, and measuring them, and noting their more obvious relations. This study should be followed, in the grammar school, by systematic instruction in Concrete (or Observational) Geometry, of which geometric drawing should form a part. Such instruction should include the main facts of Plane and Solid Geometry, treated as matters of observation, and not as exercises in logical deduction, without however necessarily excluding the beginnings of deductive proof as soon as the pupil is ready for them. Concrete Geometry is believed to have important educational value, and to prepare an excellent foundation for the later study of Formal Geometry. It belongs, however, to the earlier stages of school work, and should not be postponed until the time that belongs to direct preparation for college or the scientific school.

In teaching Formal Geometry, stress should be laid from the outset on accuracy of statement and elegance of form, as well as on clear and strict reasoning. As soon as the pupil has begun to acquire the art of rigorous demonstration, his work should cease to be merely receptive, he should be trained to devise constructions and demonstrations for himself, and this training should be carried through the whole of the work in Plane Geometry. Teachers are advised, in their selection of a text-book, to choose one having a clear tendency to call out the pupil's own powers of thought, prevent the formation of mechanical habits of study, and encourage the concentration of mind which it is a part of the discipline of mathematical study to foster. The subject of Geometry, not a particular treatise, is what the pupil should be set to learn; and its simpler methods and conceptions should be made a part of his habitual and instinctive thought. Lastly, the pupil should be stimulated to good work by interest in the study felt and exhibited by the teacher.

The requirement in Geometry embraces the following topics: the general properties of plane rectilinear figures; the circle and the measure of angles; similar polygons; areas; regular polygons, and the measure of the circle; the relations of planes and lines in space; the properties and measure of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle. The propositions required under these several heads are those only which are contained in the older treatises, and which are recognized as constituting the Elements of Geometry. The examination does not include the additions introduced into some recent text-books, although most of those additions are in themselves valuable for the student who has time and taste for extra study in this field. A syllabus of the required propositions has been prepared. [*This syllabus may be obtained, price 10 cents, at the Publication Office, 2 University Hall, Cambridge.*]

The examination in Geometry also includes original propositions in Plane Geometry, based on the propositions named in the syllabus, and problems in mensuration in both Plane and Solid Geometry; but excellence in bookwork and in exercises immediately illustrating bookwork will be allowed to offset in part any lack of skill in original work.

The time which it is recommended to assign to the systematic study of the requirement in Formal Geometry is the equivalent of a course of five lessons a week for one school year; but it is believed to be advisable to extend this allowance of time over two years.

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13a. *Plane Geometry.*

The requirement in Plane Geometry is stated on pages 1–14 of the Syllabus mentioned above.

Advanced Mathematics.

13b. *Solid Geometry.*

Chauvenet's *Geometry*, Revised and Abridged (Philadelphia: J. B. Lippincott & Co.), Books VI, VII, VIII, and IX, will serve to indicate the nature and amount of the requirement in Solid Geometry.

14. *Logarithms and Trigonometry.* — The theory of logarithms and the use of logarithmic tables. — Plane trigonometry. — The solution of the right spherical triangle. — Applications to simple problems.

No technical knowledge of the subjects of surveying and navigation, such, for instance, as the methods of parallel or middle latitude sailing, will be required, but such terms as latitude, longitude, angle of elevation or depression, bearing, etc., should be understood. At the examination, candidates are furnished with four-place tables belonging to the University, and are not allowed to use their own tables. The tables provided are distributed before the hour of examination, so that candidates may have at least an hour for becoming acquainted with their arrangement and use. Teachers who wish a still earlier opportunity of seeing these tables should write to the Corresponding Secretary of the University.

15. *Advanced Algebra.*

The requirement in Advanced Algebra includes the following subjects:

(*a*) Simultaneous quadratics and equations solved like quadratics; properties of quadratic equations; addition, subtraction, multiplication and division of complex quantities; inequalities; variations; arithmetical and geometrical progressions; mathematical induction; simple problems in choice and chance; continued fractions; scales of notation.

(*b*) Determinants, not including the multiplication theorem; simple applications of determinants to linear equations; the solution of numerical equations of higher degree, and so much of the theory of equations (not including multiple roots or Sturm's theorem) as is necessary for this purpose.

The topics included under (*a*) may be treated briefly. About half the time devoted to the requirements should be spent on the topics included under (*b*).

16–22. Physical Science.*

Elementary Physical Science.

16. *Elementary Physics.* — A course of study dealing with the leading elementary facts and principles of physics, with quantitative laboratory work by the pupil.

The instruction given in this course should include qualitative lecture-room experiments, and should direct especial attention to the illustrations and applications of physical laws to be found in every-day life. The candidate is required to pass a written examination, the main object of which will be to determine how much he has profited by such instruction. This examination may include numerical problems. It will contain more questions than any one candidate is expected to answer, in order to make allowance for a considerable diversity of instruction in different schools.

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* For rules relating to the time of handing in note-books and to candidates examined in June in places where no laboratory examination is provided, see page 307.

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The pupil's laboratory work should give practice in the observation and explanation of physical phenomena, some familiarity with methods of measurement, and some training of the hand and the eye in the direction of precision and skill. It should also be regarded as a means of fixing in the mind of the pupil a considerable variety of facts and principles. The candidate is required to pass a laboratory examination, the main object of which will be to determine how much he has profited by such a laboratory course.

The candidate must name as the basis for his laboratory examination at least thirty-five exercises selected from a list of about sixty, described in a publication issued by the University under the title, "Descriptive List of Elementary Exercises in Physics." [*This list may be obtained, price 40 cents, at the Publication Office, 2 University Hall, Cambridge.*] In this list the divisions are mechanics (including hydrostatics), light, heat, sound, and electricity (with magnetism). At least ten of the exercises selected must be in mechanics. Any one of the four other divisions may be omitted altogether, but each of the three remaining divisions must be represented by at least three exercises.

The candidate is required to present a note-book in which he has recorded the steps and the results of his laboratory exercises, and this note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. It should contain an index of the exercises which it describes. These exercises need not be the same as those upon which the candidate presents himself for the laboratory examination, but should be equivalent to them in amount and grade of quantitative work.

The note-book is required as proof that the candidate has formed the habit of keeping a full and intelligible record of laboratory work through an extended course of experiments, and that his work has been of such a character as to raise a presumption in favor of his preparation for the examination. But much greater weight will be given to the laboratory examination than to the note-book in determining the candidate's attainments in physics. Experience has shown that pupils can make the original record of their observations entirely presentable, so that copying will be unnecessary, and they should in general be required to do so.

This course, if taken in the last year of the candidate's preparation, is expected to occupy in laboratory work, recitations, and lectures, five of the ordinary school periods, about fifty minutes in length, per week for the whole year. With few exceptions exercises like those in the Descriptive List already mentioned can be performed in a single school period, but for satisfactory results it will often be necessary to repeat an exercise. Two periods per week for the year should be sufficient for the laboratory work proper. If the course is begun much earlier than the last year of the candidate's preparation, as it well may be, it will require more time.

17. *Chemistry.* * — A course of at least sixty experiments, performed at school by the pupil and accompanied with systematic instruction in principles and their applications, in accordance with directions given in a pamphlet entitled "An Outline of Requirements in Chemistry," issued by the University for *the use of teachers only*.

The candidate is required to pass both a written and a laboratory examination. The written examination will test his acquaintance with the facts and principles of Chemistry. The laboratory examination will test both his skill in performing experiments and his grasp of the principles involved in them. The candidate is further required to present the original note-book in which he recorded the steps and results of the experiments which he performed at school, and this note-book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. It should contain an index of the exercises which it describes.

* The course will be mainly an experimental course in theoretical chemistry, but there will be experiments covering all branches of pure chemistry.

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The note-book is required as proof that the candidate has formed the habit of keeping a full and intelligible record of laboratory work through an extended course of experiments, and that his work has been of such a character as to raise a presumption in favor of his preparation for the examination. But much greater weight will be given to the laboratory examination than to the note-book in determining the candidate's attainments in Chemistry.

18. ***Physiography.*** — A course of study equivalent to that described in a pamphlet entitled "An Outline of Requirements in Physiography," issued by the University.

For the form of examination see note under Astronomy, below.

19. ***Anatomy, Physiology, and Hygiene.*** * — A course of study and laboratory work equivalent to that described in a pamphlet entitled "An Outline of Requirements in Anatomy, Physiology, and Hygiene," issued by the University.

The candidate will be required to pass both a written and a laboratory examination. The written examination will test the range and thoroughness of his knowledge of the elements of Anatomy, Physiology, and Hygiene. The laboratory examination will test (*a*) his ability to perform the experiments described in the Outline of Requirements, and (*b*) his knowledge of the first aids to be rendered to the injured.

At the time of the laboratory examination the candidate must present the original note-book containing (with dates) the notes and drawings he has made in the course of his laboratory work, and bearing the endorsement of his teacher, certifying that the book is a true record of the pupil's own observations and experiments. An index of subjects should be appended.

Advanced Physical Science.

20. ***Advanced Physics.*** †

The University does not prescribe the experiments to be performed by those offering this subject for admission. The work should, however, be of advanced grade, almost wholly quantitative, and conducted with apparatus, not necessarily elaborate, yet capable, if carefully handled, of yielding results of such accuracy as to warrant the consideration of somewhat minute error. For example, the balance used in weighing should be so delicate as to justify corrections for the buoyancy of the air on the weights and on the body weighed, and, in the determination of specific gravity, for the temperature of the water. The results should be discussed with reference to their precision and to the number of significant figures. There should be about sixty experiments well distributed through the range of general physics. If the student has devoted a considerable amount of time in the elementary course to experiments in heat, that division of physics may be here omitted. The laboratory work can be performed properly only in periods of considerable length, two to four hours, for example.

Instruction by lectures or text-books and work in problems should be a part of the course.

The candidate will be required to pass both a laboratory and a written examination. He should so thoroughly understand the work which he has performed as not to be confused in the laboratory examination by unfamiliar forms of apparatus.

The laboratory note-book will receive careful attention at the time of the examination. It must contain a certificate from the teacher that it is a true record of the candidate's work.

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* Equivalent to the first half of Hygiene 1.

† Equivalent to, but not necessarily identical with, Physics *A*.

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21. *Meteorology.* — A course of observational study equivalent to that described in a pamphlet entitled "An Outline of Requirements in Meteorology," issued by the University.

This course requires a knowledge of Elementary Physics. (For the form of examination see under Astronomy, below.)

22. *Astronomy.* — A course of observational study equivalent to that described in a pamphlet entitled "An Outline of Requirements in Astronomy," issued by the University.

This course requires a knowledge of Geometry.

In Physiography, Meteorology, and Astronomy, the candidate will be required to take both a written and a laboratory or practical examination. The written examination may test his understanding of observational methods appropriate to the subject, but will call chiefly for a knowledge of facts and principles. The laboratory or practical examination will test his skill in observation as well as his grasp of principles. This examination can be taken in Cambridge only; for those who are examined elsewhere in June, it will be postponed to September.

The laboratory examination in Physiography may include the description, explanation, and comparison of geographical features shown in photographs, maps, and models. The laboratory examination in Meteorology may include the use of instruments, the discussion of observations, and the construction and interpretation of weather maps and climatic charts. The practical examination in Astronomy may call for an ability to make simple naked-eye and instrumental observations, and to establish the simpler generalizations of astronomy by discussion of these observations.

The candidate in these subjects will be required to present, at the time of the laboratory or practical examination, the original note-book in which he recorded, with dates, the steps and results of the observations which he made at school. This book must bear the endorsement of his teacher, certifying that the notes are a true record of the pupil's work. An index of subjects should be appended. The note-book is required as proof that the candidate has formed the habit of keeping a full and intelligible record of his work through an extended course of observational study, and that his work has been of a satisfactory character; but greater weight will be given to the practical or laboratory examination than to the note-book in determining the candidate's attainments.

The following studies may be presented by candidates for admission to the Lawrence Scientific School: —

23, 24. Botany and Zoölogy.

23. *Botany.* — A course of study and laboratory work equivalent to that indicated in an "Outline of Requirements in Botany," issued by the University. The course should extend through at least half of a school year, with five lessons a week. The laboratory work is to be directed especially to the external anatomy and the activities of our common plants.

24. *Zoölogy.* — A course of study and laboratory work equivalent to that described in a pamphlet entitled "An Outline of Requirements in Zoölogy," issued by the University. The course should extend through at least half of a school year, with five lessons a week, and should include the laboratory study of at least ten types of animals, with special refer-

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ence to their external anatomy and their activities. These types are to be selected in accordance with directions to be given in the pamphlet named.

In Botany and in Zoölogy the candidate will be required to pass both a written and a laboratory examination. The written examination will test the range and thoroughness of his knowledge of the subject. The laboratory examination will test his skill in observation and experimentation, and his ability to apply names properly to the parts of the organisms studied.*

At the time of the laboratory examination the candidate must present the original note-book containing (with dates) the notes and drawings he has made in the course of his laboratory work, and bearing the endorsement of his teacher, certifying that the book is a true record of the pupil's own observations and experiments. An index of subjects should be appended.

25–28. Shopwork.†

A course of instruction in the use of tools and in the ordinary processes employed in the working of wood or metal, equivalent to that described in a pamphlet entitled "An Outline of Requirements in Shopwork," issued by the University. The course may embrace one or more of the following divisions: —

25. *Wood-working;* **27.** *Chipping, Filing, and Fitting;*
26. *Blacksmithing;* **28.** *Machine-tool Work.*

The candidate must be familiar with the names, construction, and operation of the tools commonly used in these processes, and will be expected to read ordinary mechanical drawings and to make freehand sketches of articles which are to be produced in the workshop.

The candidate is required to pass both a written and a laboratory examination.* The written examination will test his knowledge of tools and mechanical processes, and of the properties of materials of common use in construction He will be expected to show familiarity with approved methods for simple work in the branch in which he presents himself for examination, and to write an intelligible description of those methods, illustrated by such sketches as may be necessary to make them clear. The laboratory examination will test the candidate's skill in the use of tool . He will receive the materials and specifications for a piece of work, and will be expected to select his tools, preparing them for use if necessary, and to demonstrate satisfactorily his knowledge and skill.

Every candidate is further required to present the original note-book in which he entered the descriptions and sketches of the work he performed at school; and with this he may present, as evidence of his skill in the workshop, the models made by him at school. Both the note-book and the models must be accompanied by the endorsement of his teacher, certifying that the book is a true record, and that the models are specimens, of the pupil's own work.

29, 30, 31. Drawing.‡

A course of drawing, in either or both of the following branches equivalent to that described in an "Outline of Requirements in Drawing," issued by the University: —

* For rules relating to laboratory examinations and note-books, see page 307.

† Each of the courses numbered 25–28 is to be equivalent to a half-course in the Lawrence Scientific School.

‡ Each of the courses numbered 29 and 30 is to be equivalent to a half-course in the Lawrence Scientific School.

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29. *Freehand Drawing.* — The representation of simple objects, in outline and with shading.

Accuracy of delineation, correctness of proportion, and good quality of line are desired rather than any attempt at elaboration. The aim should be to express as much as possible with the fewest lines. The examination will consist of the drawing, first, of a group of geometrical solids, and, second, of either a simple piece of machinery or a simple piece of architectural ornament (such as a Greek anthemion), as the candidate may elect. Every candidate is further required to present a set of plates or drawings prepared by him at school, sufficient to demonstrate his understanding of the subject and his familiarity with instruments, including the use of the right-line pen; and these drawings must be accompanied by the certificate of his teacher stating that they are the pupil's own work.

30. *Projections.* — The projection in plan and elevation of geometrical figures and of simple parts of architectural subjects or machinery.

The examination will test the candidate's knowledge of principles and methods. Every candidate is expected to bring to the examination the ordinary drawing instruments and lead-pencils; drawing-board and paper will be supplied. Every candidate is further required to present a set of plates or drawings prepared by him at school, sufficient to demonstrate his understanding of the subject and his familiarity with instruments, including the use of the right-line pen; and these drawings must be accompanied by the certificate of his teacher stating that they are the pupil's own work.

31. *Architectural Drawing.* — Elementary shades, shadows, and perspective. Thorough study of the forms of the Tuscan, the Greek Doric, the Ionic, and the Corinthian orders.

This course requires a knowledge of Projections.

The candidate will be required to pass a written and a drawing-room examination. The written examination will test his knowledge of the principles of shades, shadows and perspective, and his understanding of the simple forms of the orders and their mouldings. In the drawing-room examination the candidate will be required to draw from description in plan and elevation a simple architectural composition (such as a doorway) involving the use of an order. The drawing will be made in pencil with cast shadows in wash.

32, 33. Government and Economics.

32. *Civil Government.* — Civil Government in the United States (national, state, and local); its constitution, organization, and actual working.

The candidate will be expected to show, on examination, such general knowledge of the field as may be acquired from the study of a good text-book of not less than three hundred pages, supplemented by collateral reading, and discussion. The examination will call for the application of constitutional and political principles to concrete facts or cases, and for proof that the candidate has thought for himself about the subject as well as read about it.

For preparation in this subject, a course of study equivalent to at least three lessons a week for one year will be necessary.

33. *Economics:* —

The candidate will be expected to show, on examination, a knowledge of the leading facts and principles of Economics, including such subjects as division of labor, the factors of production, the laws of diminishing returns, demand and supply, value and price, wages, interest, rent and profits, credit, and international trade. For this part of the study one of the better grade of manuals in current use will serve as a basis, but it must

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be supplemented with collateral reading, discussion, aed practical exercises. In addition to the study of principles, the student will be expected to have acquired a fair knowledge of elementary banking operations, and of the banking and monetary history of the United States since 1860.

For preparation in this subject, a course of study equivalent to at least three lessons a week for one year will be necessary.

34. Music (Harmony).

The examination will be adapted to the proficiency of those who have studied Harmony in a systematic course of three lessons a week through one school year. In this study some training in pianoforte playing, and the ability to read chorals and moderately easy piano pieces at sight are necessary. This course is equivalent to Music 1. The work will consist chiefly of exercises written on figured basses in which all the triads and seventh-chords are to be employed progressively. Exercises must be written in a clear and well formed notation. The course will embrace:—

1. Notation; Clefs; Signatures; Diatonic and Chromatic Intervals and their inversions; Consonance and Dissonance; Major and Minor diatonic scales; Chromatic Scale; Natural Harmonic Series.
2. Triads of the Major and Minor modes.
3. Rules of chord-connection; Range of voices; Open and Close harmony.
4. Inversions of Triads; Principles of doubling voices in chords, especially in successive Sixth-chords.
5. Chords of the Dominant Seventh, Dominant Ninth, and Diminished Seventh; Preparation and Resolution.
6. Secondary Seventh-chords; Altered Chords.
7. Suspensions.
8. Passing and Changing notes; Pedal Point.
9. Principles of key-relationship; Simple modulation.
10. Harmonization of simple melodies.

The following Text-books on Harmony are recommended: Shepherd, Boise, and Jadassohn.

TERMS OF ADMISSION TO HARVARD COLLEGE.

The studies which may be presented in satisfaction of the requirements for admission to the Freshman Class in Harvard College are named together in the following lists. The figure attached to each study indicates the relative weight which will be given to that study in determining the question of the candidate's fitness for admission:

Elementary.	*Advanced.*
English (*a*) or (*b*) (*4*)	
Greek (*4*)	Greek (*2*)
Latin (*4*)	Latin (*2*)
German (*2*)	German (*2*)
French (*2*)	French (*2*)
History (*2*) { *One of the following two:* Greek and Roman; English and American	History (*2*) { *One of the following four:* Ancient; English and American; of Europe; of a period

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Elementary.	*Advanced.*
Algebra (*2*)	Algebra (*1*)
Geometry (*3*) *or* Plane Geometry (*2*)	Logarithms and Trigonometry (*1*)
	Solid Geometry (*1*)
	Astronomy (*1*)
Physics (*2*)	Physics (*2*)
Chemistry (*2*)	Meteorology (*1*)
Physiography (*1*)	
Anatomy, etc. (*1*)	

A candidate for admission must offer from this list studies amounting to 26 points, of which points at least four must be in advanced studies. The studies offered must include: —

English	4
One ancient language (Elem. Latin or Elem. Greek)	4
One modern foreign language (Elem. German or Elem. French)	2
Elementary History	2
Algebra	2
Geometry or Plane Geometry	3 or 2
Studies amounting to two points from the following sciences (Elem. Physics, Chemistry, Physiography, Anatomy, etc.)	2
	19 or 18

No candidate may offer an Advanced study who does not at the same time or earlier offer the corresponding Elementary study; but Physics is considered Elementary with respect to Meteorology, and Geometry or Plane Geometry, with respect to Astronomy.

Candidates who are looking forward to the extended study of English or of any other modern literature are advised to acquire a knowledge of Greek as well as of Latin.

For terms of admission to advanced standing, see p. 330.

Deficiencies.

A candidate may be admitted in spite of some deficiencies; but no candidate so admitted will be advanced to the Junior Class until he has made good such deficiencies to the satisfaction of the Faculty. The exact number of deficiencies with which a candidate may be admitted cannot be named in advance, since each case is considered on its merits.

Failures.

No candidate rejected in June will be reëxamined in September of the same year, unless he has passed examinations (whether Preliminary, or

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Final, or both), covering at least ten points (see p. 306). A candidate rejected in June and reëxamined in September must be reëxamined in all the studies in which he was examined in June; but if he has a Preliminary certificate it will still hold good.

TERMS OF ADMISSION TO THE LAWRENCE SCIENTIFIC SCHOOL.

The studies which may be presented in satisfaction of the requirements for admission to the First-Year class of the Lawrence Scientific School must be chosen from the studies named in the following list in accordance with the requirements set forth on page 328.

The figure attached to each study indicates the relative weight (termed *points*) which will be given to it in determining the question of the candidate's fitness for admission.

Elementary.		*Advanced.*
English (*4*)	German (*2*)	Greek (*2*)
Greek (*4*)	French (*2*)	Latin (*2*)
Latin (*4*)		German (*2*)
		French (*2*)
History (*2*) — *One of the following two:* Greek and Roman; English and American		History (*2*) — *One of the following four:* Greek and Roman; English and American; of Europe; of a period
Civil Government (*1*)		
Economics (*1*)		
Harmony (*2*)		
Algebra (*2*)		Algebra (*1*)
Geometry (*3*), *or* Plane Geometry (*2*)		Logarithms and Trigonometry (*1*)
		Solid Geometry (*1*)
Physics (*2*)		Physics (*2*)
Chemistry (*2*)		Meteorology (*1*)
Physiography (*1*)		Astronomy (*1*)
Anatomy, Physiology, & Hygiene (*1*)		
Botany (*1*)		
Zoölogy (*1*)		
Drawing, Freehand (*1*); Projections (*1*)		Architectural Drawing (*2*)
Shopwork, Wood-working (*1*); Blacksmithing (*1*); Chipping, Filing, and Fitting (*1*); Machine-tool Work (*1*)		

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In 1903 and thereafter, every candidate for admission to regular standing in the First-Year class of the Lawrence Scientific School will be required to offer: —

English	4	*Group A*
*Elementary German	2	
*Elementary French	2	
Elementary History	2	
Elementary Algebra	2	
†Geometry (Plane and Solid)	3	
He will be required to offer, also, either: —		
Elementary Physics *or*		
Elementary Chemistry		
or any two of the following studies: —		
Physiography	2	
Anatomy, Physiology, and Hygiene	17	
Zoölogy		
Botany		
Astronomy		

The above group of prescribed studies. with a total valuation of 17 points, will be called Group *A*.

In addition to the prescribed studies of Group *A*, the candidate, in order to be admitted without conditions, will be required to pass in other studies selected from the list given on the preceding page, aggregating 9 points, making a total of 26 points.

A candidate may be admitted in spite of some deficiencies; but no candidate so admitted will be advanced to the Third-Year class until he has made good such deficiencies to the satisfaction of the Faculty. The exact number of deficiencies with which a candidate may be admitted cannot be named in advance, since each case is considered on its merits.

OPTIONAL EXAMINATIONS AND ADMISSION TO ADVANCED STANDING.

Anticipation of College Studies.

In addition to the examinations required for admission to Harvard College, optional examinations are provided for such candidates as have extended their studies beyond the requirements.

I. A candidate may present himself for examination in any of the studies not offered by him for admission, and thus qualify himself to pursue more advanced courses in those subjects in College.

* Advanced German may be offered in place of Elementary French, or Advanced French in place of Elementary German; but when thus displaced the elementary language will become a prescribed study for the first academic year.

† The requirement in Geometry may be satisfied by passing either in Geometry (*3*), or in Plane Geometry (*2*) and Solid Geometry (*1*).

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II. A candidate may present himself for additional examination in one or more of the following studies: (*a*) any prescribed course or courses of the Freshman year (see p. 330); (*b*) any elective course or courses intended primarily for undergraduates, provided the courses are of such a character that they may properly be anticipated by examination, (see p. 330).

The examinations in prescribed Freshman English and in those elective studies which correspond to admission studies* may be taken either in June or in September, or partly in June and partly in September; but a candidate who fails to pass in any study in June will not be examined again in that study in September.

The examinations in *other elective studies* are held *in the autumn only.* Written notice of intention to take these examinations must be in the hands of the Secretary of the Faculty not later than *September 10.*

For the times and the places of examination, see pages 333–336.

Uses of Optional Examinations.

A student who has anticipated any of the studies of the Freshman year by means of the optional examinations may substitute in place thereof any elective courses which he is qualified to pursue.

Studies anticipated may be counted toward the degree of Bachelor of Arts in the manner herein provided; but the *grade of scholarship* attained in an anticipated study is not counted toward *distinction* or *honorable mention* with the degree: —

(1) If the studies anticipated amount to one half of the work of the Freshman year, the student may, upon application, be admitted to the Sophomore class, subject to the condition of making up the deficiency in his Freshman studies, in accordance with the rules of the Faculty.

(2) In any case, the studies anticipated shall be placed to the student's credit, and may be used towards satisfying the requirements for the degree of Bachelor of Arts, in either of the following ways: —

(*a*) The student may obtain leave from the Faculty to fulfil the requirements for the degree in three years by taking additional elective studies under the rules of the Faculty.

* As a rule, the Advanced Studies correspond to elective courses taught in Harvard College; and the standard of the entrance examinations is intended to be the same as that of the corresponding College courses. The following are the College courses to which admission studies correspond: Advanced Greek corresponds to Greek *A*, Advanced Latin to Latin *A*, Advanced German to German *C*, 1*a*, or 1*b*, Advanced French to French 1c or 1*a*, Logarithms and Plane Trigonometry to Mathematics A^1, Solid Geometry to Mathematics E^2, Advanced Algebra to Mathematics D^1, Advanced Physics to Physics *C*, and Meteorology to Geology B^2. Elementary German, French, Physics, and Physiography correspond to German *A*, French *A*, Physics *B*, and Geology A^1, respectively. Anatomy, Physiology and Hygiene corresponds to the first half of Hygiene 1. Elementary and Advanced German taken together correspond to German *B*.

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(*b*) The student may obtain leave from the Faculty to reduce the number of courses required in the Senior year, or in the Senior and Junior years, by the amount of the studies anticipated.

Applications under (*a*) and (*b*) will not ordinarily be acted upon until the close of the student's first year; and the decision upon them will depend upon the quality of the student's record both in his examination for admission, and in his College work.

Examinations in Prescribed Freshman Studies.

Applicants for advanced standing (see below) and candidates anticipating Freshman studies are examined in the following studies, which correspond to the prescribed studies of the Freshman year. For the times set for these examinations, see page 336.

For examinations in elective studies, see page 336.

1. ENGLISH. — *Composition:* A. S. Hill's Principles of Rhetoric (edition of 1895); Practice in writing. — *Literature:* Swift's Battle of the Books and Gulliver's Travels; Defoe's Robinson Crusoe (Part I); The Sir Roger de Coverley Papers in the Spectator; Pope's Rape of the Lock, Epistle to Arbuthnot, and Iliad I, VI, XXII; The lives of Swift, Defoe, and Pope in the English Men of Letters Series; Thackeray's English Humourists and Henry Esmond.* (This examination will be withdrawn after 1903.)

For another method of anticipating Prescribed Freshman English (English *A*), see page 309.

2. GERMAN *or* FRENCH (whichever the student did not offer at the examination for admission).

Admission to Advanced Standing in Harvard College.

Students may be admitted to advanced standing either (*a*) by examination, or (*b*) from other colleges without complete examination.

(*a*) BY EXAMINATION. A candidate may be admitted to the Sophomore, Junior, or Senior Class, if he appear on examination to be versed in the following studies: —

1. The studies required for admission to the Freshman Class (pp. 308–322).

2. All the prescribed studies already pursued by the class for which he offers himself, and as many elective studies as he would have pursued if he had entered at the beginning of the course.

Examinations for advanced standing are held in such courses only as are intended primarily for undergraduates; and, among these, in such only as may reasonably be anticipated by examination. No laboratory course, no

* Elective courses in English are open, on the same terms as to Sophomores, to students who have anticipated the prescribed English of the Freshman year.

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course in composition or discussion, and no other course in which an examination is obviously an inadequate test may be offered for admission to advanced standing.

A candidate may be admitted in spite of deficiencies in some of these studies; but no candidate so admitted is recommended for the degree till he has made good his deficiencies to the satisfaction of the Faculty.

Candidates for admission to advanced standing may divide the examination between June and September; but a candidate who fails in any subject in June will not be examined again in that subject in September.

For the times and the places of examinations, see pages 333, 334.

The Secretary of the Faculty must receive, not later than *September 10*, a written notice specifying the elective course or courses in which the candidate wishes to be examined.

(*b*) WITHOUT COMPLETE EXAMINATION. Graduates of other colleges and students who have completed creditably the work of the first two years at other colleges may be admitted without examination and assigned to those classes for which their previous training seems to qualify them. Every case is decided on its own merits; but students from other colleges are not admitted *ad eundem* without examination.

Applications are acted on promptly, at any season of the year. Every person wishing to enter Harvard College under this provision must make a complete written statement of the work on which he bases his application. In this he should state how old he is; at what school or schools he received his preparatory training; how long he attended each school; what he studied; how much time he gave to each of the more important studies; and how far he advanced in each before he entered college.

Blank forms of application for admission to advanced standing without complete examination may be obtained from the Secretary of the Faculty.

Much importance is attached to the quality of the work offered. The applicant should furnish: (1) official statements of his rank or grade in his various college studies: (2) letters, or other evidence, showing the opinion his instructors have formed of his character and scholarship: (3) a letter of honorable dismissal from the college whence he comes.

Candidates from other colleges may be admitted to Harvard College in spite of some deficiencies in their work, on condition that they shall make good these deficiencies before receiving the degree. Deficiency in one direction may be offset by unusual attainments in another.

Admission to Advanced Standing in the Lawrence Scientific School.

A candidate may be admitted to advanced standing either (*a*) by examination, or (*b*) from another scientific school or college without examination.

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(*a*) *By Examination.* — A candidate may be admitted to advanced standing if he appear on examination to be versed in the following studies: —

1. The studies required for admission to the First-year class.

2. All the prescribed studies already pursued by the class for which he offers himself, and as many elective studies as he would have pursued if he had entered at the beginning of the First-year.

Examinations for advanced standing are held only in such courses as are designated in the catalogue as intended primarily for undergraduates; and, among these, in such only as may reasonably be anticipated by examination. No laboratory course, no course in composition or discussion, and no other course in which an examination is obviously an inadequate test may be offered for admission to advanced standing.

Candidates for admission to advanced standing may divide the examination between June and September; but a candidate who fails in any subject in June will not be examined again in that subject in September.

The Secretary of the School must receive, not later than *September 10*, a written notice specifying the courses in which the candidate wishes to be examined.

(*b*) *Without Examination.* — Graduates of other scientific schools or colleges and students from the higher classes of other scientific schools or colleges may be admitted without examination and assigned to that class in their chosen programme of study in the Lawrence Scientific School (it may be with credits and deficiencies) for which their previous study seems to qualify them Every case is decided on its merits. Applications are acted on promptly at any time of the year. A candidate for the Lawrence Scientific School under this provision must make a complete written statement of the work on which he bases his application.

Blank forms of application for admission to advanced standing without examination may be obtained from the Secretary of the School. This blank should be filled out and returned to the Secretary, accompanied by the catalogue of the school or college which the student has previously attended marked so as to indicate clearly the studies which he offered there for admission and each study which he has successfully completed.

Much importance is attached to the quality of the work offered. The applicant is expected to furnish official statements of grades in his various college studies, and letters or other evidence showing the opinions his instructors have formed of his character and scholarship.

The Committee on Admission from other Scientific Schools and Colleges of the Lawrence Scientific School will take into account, at their discretion, extra studies pursued by the applicant, or studies pursued by him since graduation, or teaching of advanced grade, or professional study. Early application to the Committee is recommended in order that the student

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may have time to conform his plans of study to such conditions as the Committee may impose.

Candidates from other scientific schools and colleges may be admitted to the Lawrence Scientific School notwithstanding some deficiencies in their work, on condition that they shall make good these deficiencies before being recommend for the degree.

The degree of Bachelor of Science of Harvard University cannot be conferred on any student who has not completed, as a member of the Lawrence Scientific School, at least one full year's work in this School while registered as a candidate for this degree.

TIMES AND PLACES OF EXAMINATION.

Two regular examinations for admission to the Freshman Class of Harvard College and to the First-Year Class of the Lawrence Scientific School are held each year, — the June examination, at the beginning of the summer vacation, and the September examination, before the beginning of the academic year in the autumn.

June Examinations.

In 1903, the *June examinations* will be held on *Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday, June 22, 23, 24, 25, 26, and 27.*

The examinations will probably be held in the following places: —

Cambridge, in Sever Hall.
Andover, in the rooms of Phillips Academy.
Milton, in the rooms of Milton Academy.
Groton, in the rooms of Groton School.
Southborough, in the rooms of St. Mark's School.
Worcester, in the rooms of the English High Schoel.
Lynn, in the rooms of the Classical High School.
Springfield, in the rooms of the Springfield High School.
Fall River, in the Durfee High School Building.
South Byfield, in the rooms of Dummer Academy.
Exeter, N. H., in the rooms of Phillips Exeter Academy.
Concord, N. H., in the rooms of St. Paul's School.
Portland, Me., in the rooms of the Portland High School.
Newport, R. I., in the rooms of the Rogers High School.
Pomfret Centre, Conn., in the rooms of the Pomfret School.
Washington, Conn., in the rooms of the Gunnery School.
New York, N. Y.
Tarrytown-on-Hudson, N. Y., in the rooms of Hackley Hall.
Garden City, N. Y., in the rooms of St. Paul's Cathedral School.

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Albany, N. Y., in the rooms of the Young Men's Christian Association.
Buffalo, N.Y., in the High School Building, corner of Court and Franklin Streets.
Morristown N.J., in the rooms of the Morristown School.
Philadelphia, Pa.
Pottstown, Pa., in the rooms of the Hill School.
Pittsburgh, Pa., in the rooms of the Shadyside Academy.
Pittsburg, Pa., in the rooms of Shady Side Academy.
Washington, D.C., in the rooms of the Central High School.
Louisville, Ky., in the rooms of the Young Men's Christian Association, corner of Fourth Avenue and Broadway.
Lima, Ind., in the rooms of the Howe School.
Milwaukee, Wis., in the rooms of the East Division High School.
Cleveland, O., in the Central High School Building.
Cincinnati, O., in the rooms of the Young Men's Christian Association.
Youngstown, O., in the rooms of the Rayen School.
Chicago, Ill., in the rooms of the Young Men's Christian Association, 153 La Salle Street.
St. Paul, Minn., in the rooms of St. Paul Academy, Western Avenue.
St. Louis, Mo., in the rooms of the Board of Education, 9th and Locust Streets.
Denver, Col., in the rooms of the Denver High School (District No. 1), corner of Nineteenth and Stout Streets.
San Francisco, Cal., in the rooms of the Mechanics' Institute, 31 Post Street.
Belmont, Cal., in the rooms of the Belmont School.
Portland, Oregon, in the lecture-room of the Portland Library.
Bonn, Germany, at the Hotel Kley.
Honolulu, Hawaii.

The University will ordinarily conduct the admission examinations in June in any school or city where a sufficient number of candidates shall present themselves for examination; provided that the school or city be not within easy reach of one of the regular places of examination. Applications for examinations in June, in schools or cities not named above, should be made to the Secretary of the Faculty of Arts and Sciences as early as *April 1*.

September Examinations.

The *September examinations* will be held *in Cambridge only* on *Monday, Tuesday, Wednesday, Thursday, Friday, and Saturday, September 21, 22, 23, 24, 25, and 26.*

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Order of Examinations (June and September).

Monday, June 22 and September 21.

8–9. All candidates meet the officer in charge of the examinations.
9–10. Elementary Physics.
10½–12. Elementary French.
12¼–1¼. Solid Geometry.
2–3½. Plane Geometry.
2–4. Geometry.
4½–6. Elementary German.

Tuesday, June 23 and September 22.

8–9. Physiography.
9¼–10¼. Chemistry.
10¾–12¾. Elementary Latin.
1½–3½. Elementary English (*a*).
4–6. Advanced Latin.

Wednesday, June 24 and September 23.

8–9. Logarithms and Trigonometry.
9¼–10¾. Elementary Algebra.
11–12½. Elementary History.
1½–3½. Advanced French.
4–6. Advanced Greek.
4–5. Economics.
5–6. Civil Government.

Thursday, June 25 and September 24.

8–9. Meteorology.
9¼–11¼. Elementary Greek.
9¼–11¼. Harmony.
11½–12½. Advanced Algebra.
1¾–3¾. Advanced German.
4–6. Advanced History.

Friday, June 26 and September 25.

8–10. Architectural Drawing.*
8–9. Chipping, Filing, and Fitting.
9–10. Blacksmithing.
10¼–11¼. Machine-tool Work.
11½–12½. Wood-working.
1½–2½. Advanced Physics.
3–6. English (*b*).

Saturday, June 27 and September 26.

8–9. Zoölogy.
9¼–10¼. Astronomy.
10½–11½. Botany.
11¾–12¾. Anatomy, Physiology, and Hygiene.
1½–3½. Freehand Drawing.*
3½–6½. Projections.*

Laboratory Examinations.

Appointments for laboratory examinations will be made when the candidates meet the officer in charge of the examinations.

In June, classes from schools near Cambridge may, by special arrangement, take the laboratory examinations in Physics and Chemistry on earlier days.

* Examinations in Freehand Drawing, in Projections, and in Architectural Drawing are held in Cambridge only.

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Examinations in English *A*, German *A*, and French *A*.

In 1903, the examination in English *A* will be held in accordance with the programme given below. This examination, formerly held in Cambridge only, is now held, in *June*, at all the places named on pages 333, 334.

Friday, June 26 and September 25.

3–6 P.M. English *A*.

The examinations in German *A* and French *A* correspond to the admission examinations in Elementary German and French (see pp. 314, 315), and are held on *Monday, June 22*, and *Monday, September 21*.

Examinations in Elective Studies.

Examinations in prescribed and elective studies that are not equivalent to admission studies are held only in the first fortnight of the academic year and only at Cambridge. Written notice of intention to take these examinations must be in the hands of the Secretary of the Faculty not later than *September 10*. The examinations in such elective studies as correspond to admission studies * are identical with the examinations in the latter, and must be taken at the same times and places.

REGULATIONS CONCERNING SPECIAL STUDENTS.

The courses of study provided by the Faculty of Arts and Sciences are open to persons who give satisfactory evidence of their fitness to pursue the particular courses they elect, although they have not passed the usual examinations for admission. These students are known as Special Students; they are members of the College or of the Scientific School from the time of their admission, but are not recognized as in regular standing or as candidates for a degree.

SPECIAL STUDENTS IN THE COLLEGE.

Candidates for admission to Harvard College as Special Students may obtain from the Secretary of the Faculty blank forms of application, which should be duly filled and returned to the Secretary. They are advised to apply before September 1; but applications will be considered at any time of the year.

Special Students in Harvard College are subject to all the regulations of the College. They are under the charge of a Committee of the Faculty; and each student is under the particular supervision of a member of the

* See foot-note page 329.

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Committee, who acts as his adviser. Every Special Student is required to meet his adviser before the beginning of the academic year, at a time and a place to be announced on the official bulletin boards, and to submit his choice of studies for approval.

Grades are assigned to Special Students in the several courses (see p. 459); and Special Students are subject to all requirements affecting the courses which they take. The names of Special Students who attain Grade *A* or Grade *B* in any course are entered, at the end of the year, in the printed list of distinguished students in the course (see p. 459), and this list is sent to the father or recognized guardian of every student.

A Certificate of Proficiency will be given, if desired, to any Special Student who has faithfully pursued his chosen subjects throughout a year and attained therein a grade not lower than Grade *B*.

A Special Student who has passed in twelve elective courses, and has stood above Grade *C* in six courses (or their equivalent) without falling below Grade *C* in any course, may on application receive a Certificate to this effect on Commencement Day, and be named in the Commencement Programme as the recipient of such Certificate. If he has received Honors in any department or Honorable Mention in any study, that fact will be stated in his certificate and will be mentioned in the Commencement Programme and in the next Annual Catalogue.

SPECIAL STUDENTS IN THE SCIENTIFIC SCHOOL.

Special Students may be admitted to the Lawrence Scientific School under the conditions named below.

When the candidate has *not* been a pupil in any preparatory school for at least one year before the date of his application, and is a person of sufficient maturity and training to qualify him to pursue studies offered in one of the programmes of study in the School, he may be admitted as a Special Student by the Administrative Board. His plan of study must be arranged with reference to the end he seeks to attain, and must be approved by the officer in charge of one of the following programmes of study: Engineering, Mining, Architecture, Landscape Architecture, Chemistry, Geology, Biology, Anatomy, Teachers. Except on special vote of the Administrative Board, he will be required, each year, to take work amounting to not less than four full courses.

When the candidate has been a member of a fitting school within one year of the time he applies for admission as a Special Student, his application must be approved by the master of that school. In case he has endeavored to attain regular standing and has failed to pass in a sufficient number of subjects, but is credited with not less than half of the number of "points" required for a clear admission, including English, Algebra, and Geometry, he may, by vote of the Administrative Board, taken in

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each case in view of the recommendations he brings, be admitted as a Special Student with the expectation that he will gain regular standing in one of the ways indicated below: —

First: By passing the entrance examinations in the omitted subjects.

Second: By obtaining a grade of *C*, or above, in studies directly in continuation of the subjects in which he has failed to pass in the entrance examinations; as for instance, Advanced French would, if passed with the grade mentioned, remove the entrance "condition" in Elementary French.

Third: By combining the methods above indicated.

Students who, on the recommendation of the masters of fitting schools, have permission to register as Special Students, will be required, except on special vote of the Administrative Board, to attain regular standing within one year after the beginning of the term at which they enter on their course of study.

At least two full courses of the work of each Special Student in the Scientific School must be taken from the regular programme of the Department of study in which he registers.

Special Students are members of the Scientific School from the time of their admission, but are not recognized as in regular standing or as candidates for a degree.

A candidate for admission to the Lawrence Scientific School as a Special Student may obtain a printed form of application from the Secretary of the School. The form must be filled and returned to the Secretary before the application will be considered by the Administrative Board of the School.

Special Students are subject to all the regulations of the School. A report is sent to their parents or guardians at the end of each year.

The Administrative Board reserves the right to deprive any Special Student of his privileges at any time, if he abuse or fail to use them.

Certain of the subjects required for admission are offered in the courses of instruction in the Summer School of the Faculty of Arts and Sciences. So far as practicable, provision will be made for the instruction in the Summer School, or by private tutors, of those who, during the long vacation, desire to prepare themselves to pass the entrance examinations held in Cambridge in September. This provision is especially designed to meet the needs of candidates who come from schools in which certain of the subjects which may be offered in the entrance examinations are not taught.

A Certificate of Proficiency will be given, if desired, to any Special Student who has faithfully pursued his chosen subjects throughout a year and attained a grade not lower than grade *B* therein.

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RESIDENCE AND REGISTRATION OF COLLEGE AND SCIENTIFIC STUDENTS.

Continuous residence at the University during term-time is required of all students in Harvard College and the Lawrence Scientific School, unless leave of absence has been previously granted. If a student has been absent from the University without leave previously obtained, he is expected to present a satisfactory explanation of such absence.

Every Freshman (except one who has failed of promotion) is required to register, at a place announced on the official bulletin board at University Hall, on the *Wednesday* preceding the first day of the academic year, between 9 A.M. and 1 P.M. Every other College student (except one who has failed of promotion) is required to register on *Thursday*, the first day of the academic year, between 9 A.M. and 1 P.M. Every Freshman who has failed of promotion in the work of the preceding year is required to register on the *Tuesday* preceding the first day of the academic year, between 4 and 5 P.M.; and every Sophomore or Junior who has failed of promotion is required to register on *Wednesday* of the same week, between 9 A.M. and 1 P.M.

Every College student is required to register between 9 A.M. and 1.30 P.M. on the first week day after the Christmas recess and after the April recess.

Special Students in Harvard College, if in their first year, must meet in Upper Massachusetts Hall at 9 A.M. on the Wednesday preceding the opening of the academic year. All Special Students must register, at a place announced on the official bulletin board at University Hall, on Thursday, the first day of the academic year, between 9 A.M. and 1 P.M.

Every student in regular standing in the Lawrence Scientific School is required to register, at a place announced on the bulletin boards of the School, on the *Wednesday* before, or on *Thursday*, the first day of the academic year, between the hours of 9 A.M. and 1 P.M., and not later than 1.30 P.M. on the first week day after the Christmas recess and after the April recess.

Special Scientific Students who are already members of the School, and candidates whose applications have been approved by the Board, will present themselves for registration on the same days and at the same place as students in regular standing.

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REGULATIONS CONCERNING STUDENTS IN THE GRADUATE SCHOOL.

ADMISSION.

Admission to the Graduate School is ordinarily granted to Bachelors of Arts and Bachelors of Science of Harvard University and to graduates of other Colleges and Scientific Schools of good standing, who present satisfactory evidence of character and qualifications. Other persons, of suitable age and attainments, may also be admitted, by special vote of the Administrative Board in each case.

Applications for admission are received at any time by the Administrative Board of the School; but it is generally advisable that they be presented, if possible, at the beginning of the academic year. An application for admission may be made by filling out and depositing a registration blank at the office of the Dean of the Graduate School. If the applicant is not a graduate of Harvard University, he must also file, for the consideration of the Administrative Board, satisfactory certificates of scholarship and character, — or, if he holds a degree from any institution, diplomas or official certificates, sufficient to furnish evidence of his holding such degree or degrees.

Admission to the Graduate School does not imply admission to candidacy for a degree. The conditions of candidacy for the several degrees open to students in the Graduate School will be found on page 469.

RESIDENCE AND REGISTRATION.

There are two classes of students in the Graduate School, — Resident Students and Non-Resident Students. *Students in regular attendance at the University are classed as Resident Students, whether lodging in Cambridge or elsewhere.*

Resident Students.

Resident Students in the Graduate School are required to pursue their studies at this University; and to be in regular attendance on the exercises in some course or courses of instruction, or to carry on regular work in some Laboratory or Museum or in the Library, under the frequent inspection and criticism of instructors in the University.

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Continuous residence at the University during term-time is required of all Resident Students in the Graduate School, unless leave of absence has been previously granted. If a student has been absent from the University without leave previously obtained, he is expected to present a satisfactory explanation of such absence.

Every Resident Student in the Graduate School and every applicant for admission is expected to be present in Cambridge at the beginning of each year of his membership in the School, and to register on *Thursday, the first day of the academic year*, by filling out certain blanks, at the office of the Dean of the Graduate School, or at such other place as may be designated by notice posted at University Hall. A student who enters on his studies after the beginning of the academic year must register at the office of the Dean of the Graduate School at the time of his entering on his studies.

On registering, a student receives a certificate of having done so from the officer in charge of the registration; this certificate he must present to the Bursar, with whom he must file his bond or give other satisfactory security for the payment of his dues for the year, and from whom he will obtain authority to attend instruction and to use the College Library. In case the registration is afterwards not accepted by the Administrative Board, it will be cancelled, and the student will not be liable for tuition-fees; or he may be transferred, if he so desires, to another department of the University.

A student is counted as a full member of the School only from the date of his registration, and during the period of his being *actually engaged in his studies as a student in the School.*

A student who withdraws from the Graduate School in the course of an academic year is required to give immediate written notice to the Dean of the Graduate School. *No deduction from the full year's fees will be made in the case of a student withdrawing in the course of a year unless he gives this notice.*

Every Resident Student is required to file a *list of his studies* for the academic year (or at least for the first half-year), at the time he registers, with the officer in charge of the registration, — or within two days thereafter, at the office of the Dean of the Graduate School. If he subsequently wishes to make any change in his studies, he must file written notice of his wish at the Dean's office, and must obtain the assent of the Dean.

Non-Resident Students.

Holders of fellowships, pursuing their studies away from the University with the sanction of the Faculty, are registered as Non-Resident Students in the Graduate School.

Students who are conducting special investigations which require their absence from the University, and those who have completed a period of

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residence at the University, and are carrying on studies with the purpose of becoming candidates for a degree, may also be allowed to register in the Graduate School as Non-Resident Students, under such conditions as may be imposed in each case.

All Non-Resident Students are required to keep the Dean of the Graduate School informed of their plans of study, and to make each year a full written report to the Administrative Board. They must register promptly by letter. Registration-blanks will be sent them from the office on application. They should keep the Dean of the Graduate School constantly informed of their addresses.

For other regulations, concerning non-resident holders of fellowships, see below, under Fellowships and Scholarships.

STUDIES.

All Courses of Instruction and other opportunities of study, provided by the Faculty of Arts and Sciences, or available for students under its charge (see pp. 343–424), are open to Resident Students in the Graduate School who pay the full tuition fee of $150, on condition of their being qualified for the studies they wish to undertake. For the regulations concerning the choice of studies by Graduate Students, see page 450.

DEGREES.

Students in the Graduate School, not Bachelors of Arts or Science of Harvard University, who wish to become candidates for any degree, should make early application to the Committee on Admission from other Colleges or from other Scientific Schools to learn the conditions under which they may be accepted as qualified for candidacy, observing the directions given on pages 469 and 470.

The requirements for the several degrees in Arts, Science, and Philosophy are stated on pages 469 to 477.

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COURSES OF INSTRUCTION

PROVIDED BY THE FACULTY OF ARTS AND SCIENCES.

The following statement of the courses of instruction provided for the current academic year by the Faculty of Arts and Sciences is known as the "Announcement of Courses of Instruction for 1902–03." The first edition of the Announcement for any academic year is issued in the spring of the preceding academic year. The list of courses published in the Catalogue represents the Announcement as it stood at the opening of the year, and includes all courses then offered to students; disregarding the fact that a few of the courses named have sometimes been withdrawn, because not taken by a sufficient number of students or for other reasons. The Annual Report of the Dean of the Faculty of Arts and Sciences gives the number and classification of the students in attendance on each course in the year to which the Report applies.

For the regulations which govern students in the choice of studies, see pages 445–451. The notes appended to the titles of the several courses in the Announcement should, however, be carefully consulted.

The Courses of Instruction are distributed, in most departments of study, into the following three groups, namely:

(1) Courses primarily for Undergraduates;
(2) Courses for Undergraduates and Graduates;
(3) Courses primarily for Graduates.

These titles are, however, to be understood, in each department, as referring to the advancement of the student in the work of that department, rather than to his academic standing. See pages 445, 446.

Courses of Instruction are classed as *full courses* or *half-courses*, according to the estimated amount of work in each, and its value in fulfilling the requirements for the degree. In the Announcement, all courses not otherwise designated are full courses. Half-courses are indicated by the abbreviation *hf.* Courses of Research and Seminary Courses, if taken as work to be counted towards a degree, are usually rated as full courses, but may be estimated differently by special arrangement.

The numbers and letters prefixed to the several courses are intended to be permanent, and no attempt is made to arrange them in a regular or complete series. The Roman numeral appended to each course indicates the examination group to which the course belongs (see pp. 422, 423).

A star (*) prefixed to the number of a course indicates that the course may not be taken without the previous consent of the instructor.

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A double dagger (‡) prefixed to the number of a course indicates that the course is open, under certain conditions, to properly qualified students of Radcliffe College (see Part III).

Most of the Courses of Instruction of the first group and many of those of the second group are, as a rule, offered *every year*; but they are liable to some variations of subject and to a change of instructors, and some of them are occasionally suspended. Many courses of the second and third groups are given in *alternate years*. Some courses, especially in the third group, are given at *less frequent intervals*. The programme provided for any year also contains a considerable number of *new or remodelled courses*.

Courses of which the titles are enclosed *in brackets* are to be omitted in the current year, but are probably to be offered either for 1903–04, or, in a few instances, not until 1904–05. They must not, however, be regarded as *promised;* and students who are making their plans to take any course which they expect to be given in a later year, are advised to communicate with the instructor in such course.

Separate pamphlets are issued containing detailed accounts of all the opportunities of study in a single Division or Department, and of the scope and method of instruction in the several courses. These pamphlets may be obtained at the *Publication Office* or will be sent by mail on application to the *Secretary of the Faculty of Arts and Sciences.*

SEMITIC LANGUAGES AND HISTORY.

The following courses in this Division are also announced by the Faculty of Divinity: Courses 1, 2, 3, 3a, 12, 16, 13, 4, 5, which are the same as Old Testament 1, 2, 3, New Testament 22, Old Testament 4, 5, 6, 7, 8, respectively, in the Announcement of the Faculty of Divinity.

For Undergraduates and Graduates.

1. Hebrew. — Davidson's Introductory Hebrew Grammar. Explanation of parts of Genesis and of the Psalm Book. *Mon., Wed., Fri., at 11.* Dr. HAYNES. (IV)

Courses 6, 12, 13, 14, 15, 16 do not require knowledge of Semitic languages: —

*6 *hf.* Babylonian-Assyrian History. — Contact of the Babylonians and Assyrians with the peoples of the Mediterranean coasts and islands. Diffusion of the Babylonian-Assyrian culture through the medium of the Phoenicians. *Half-course. Sat., at 10.* Professor LYON. (XI)

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12. History of Israel, political and social, till the capture of Jerusalem by the Romans. — Text-books, lectures, and theses. *Tu., Th., and (at the pleasure of the instructor) Sat., at 11.* Professor LYON. (XII)

16. History of pre-Christian Hebrew Literature. *Tu., Th., at 2.30.* Professor G. F. MOORE. (XV)

This course is open to those only who have taken Course 12 or English 35, or the equivalent of one of these.

13. History of the Hebrew Religion, with comparison of other Semitic religions. *Wed., Fri., 3.30.* Professor G. F. MOORE. (VIII)

This course is open to those only who have taken Course 12 (or English 35) and Course 16, or their equivalent.

[15 *hf.* History of the Bagdad Califate. — Mohammedanism in Egypt and India. Mohammedan Law. The Crusades. Lectures on the Literature. The Korān. *Half-course. Sat., at 12.* Professor TOY.] (XIII)

Omitted in 1902–03.

[14 *hf.* History of the Spanish Califate. — The Barbary States. Moslems in Sicily. Lectures on the Literature. The Korān. *Half-course. Sat., at 12.* Professor TOY.] (XIII)

Omitted in 1902–03.

Courses 14 and 15 are usually given in alternate years.

Primarily for Graduates.

‡2. Hebrew (second course). — Syntax. Interpretation of parts of the Prophets and the Poetical Books. Criticism of selected portions of the text. *Tu., Th., at 3.30.* Professor LYON. (XVI)

17 *hf.* Hebrew (course for rapid reading). *Half-course. Mon., Fri., at 12.* Dr. HAYNES. (V)

‡3 *hf.* Jewish Aramaic. — Kautzsch's Biblisch-Aramäische Grammatik. Interpretation of parts of Ezra, Daniel, and the Targums. *Half-course. Tu., at 11.* Dr. HAYNES. (XII)

‡3*a hf.* Classical Aramaic (Syriac). — Rödiger's Chrestomathia Syriaca (ed. 3). The Peshitto Version of the New Testament. *Half-course. Th., at 11.* Dr. HAYNES. (XII)

‡4. Assyrian. — Lyon's Assyrian Manual. Delitzsch's Assyrian Grammar. Delitzsch's Assyrische Lesestücke. *Mon., Wed., at 10.* Dr. HAYNES. (III)

5. Assyrian (second course). — Delitzsch's Assyrian Grammar. Delitzsch's Assyrische Lesestücke. The Chaldean Epic. Letters and Commercial Documents. *Tu., Th., at 10.* Professor LYON. (XI)

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‡7. Arabic. — Lansing's Manual. Nuḫab al-Mulaḥ. The Thousand and One Nights. *Mon., Wed., at 2.30.* Dr. HAYNES. (VII)

8. Arabic (second course). — Wright's Grammar. The Moallakāt. Motenebbi. Ibn Ḫaldun. The Korān. *Tu., Th., at 12.* Dr. HAYNES. (XIII)

[9 *hf.* Ethiopic. — Praetorius's Grammar, with references to Dillmann's Grammar. Dillmann's Chrestomathy. Enoch. *Half-course. Th., at 4.30.* Professor TOY.]
Omitted in 1902–03.

[10 *hf.* Phoenician. — Schröder's Phönizische Sprache. Corpus Inscriptionum Semiticarum. *Half-course. Once a week.* Professor TOY.]
Omitted in 1902–03.
Courses 9 and 10 are usually given in alternate years.

[11 *hf.* The Talmud. *Half-course. Once a week.* Professor TOY.]
Omitted in 1902–03.

COURSES OF RESEARCH.

[20*a*. Assyrian Grammar. The Verb. *Twice a week.* Professor LYON.]
Omitted in 1902–03.

[20*b*. Semitic Pronouns. Professor TOY.]
Omitted in 1902–03.

20*c*. Old Testament: Principles and Practice of Criticism. Professor G. F. MOORE.

20*d*. Hebrew Law. Professor G. F. MOORE.

THE SEMITIC CONFERENCE.

This Conference, which is composed of instructors and students in the Division of Semitic Languages and History, meets twice a month throughout the academic year. Its object is a more detailed discussion of special topics than is ordinarily possible in the class-room. At each meeting a paper is read, which is expected to give the results of independent investigation of the topic presented. The general subject of discussion for 1902–03 will be the relations between Egypt and Canaan.

INDIC PHILOLOGY.

For Undergraduates and Graduates.

1*a* [1]*hf.* Elementary Sanskrit. — Exercises in translating Sanskrit into English and English into Sanskrit. Whitney's Grammar, Perry's Primer, and Lanman's Reader. *Half-course (first half-year). Mon., Wed., Fri., at 2.30.* Dr. RYDER. (VII)

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1*b* ²*hf.* Elementary Sanskrit (continued). — Reading of classical texts. Lanman's Reader. Episodes from the Mahā-Bhārata. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 2.30.* Dr. RYDER. (VII)

Primarily for Graduates.

‡2 ¹*hf.* Advanced Sanskrit (course for rapid reading). — The Drama. Kālidāsa's Çakuntalā. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 3.30.* Dr. RYDER. (VIII)

‡3 ²*hf.* Advanced Sanskrit (continued). — Introduction to the language and literature of the Vedas. Hymns of the Rig-Veda and Atharva-Veda. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 3.30.* Dr. RYDER. (VIII)

‡4 ¹*hf.* Advanced Pāli. — The Sacred Books of Buddhism. Dialogues of the Buddha. The Majjhima Nikāya. *Half-course* (*first half-year*). *Tu., Th., 2.30–4.* Professor LANMAN. (XV)

‡5 ²*hf.* Advanced Pāli. — The Sacred Books of Buddhism. Buddhaghosa's Way of Purity (selected chapters). *Half-course* (*second half-year*). *Tu., Th., 2.30–4.* Professor LANMAN. (XV)

The subject-matter of Courses 2 and 3 and 4 and 5 is varied in such a way that any one of them may be taken twice by the same student.

[6 ¹*hf.* Prākrit. — Jacobi's Ausgewählte Erzählungen in Māhārāshtrī. *Half-course* (*first half-year*). *Tu., Th., at 2.30, and a third hour at the pleasure of the instructor.* Professor LANMAN.] (XV)

Omitted in 1902–03; to be given in 1903–04.

[7 ²*hf.* Prākrit. — Rājaçekhara's drama, Karpūra-mañjarī (Harvard Oriental Series). *Half-course* (*second half-year*). *Tu., Th., at 2.30, and a third hour at the pleasure of the instructor.* Professor LANMAN.] (XV)

Omitted in 1902–03; to be given in 1903–04.

[8 *hf.* The Religions of India. *Half-course. Sat., at 12.* Professor LANMAN.] (XIII)

Omitted in 1902–03; to be given in 1903–04.

COURSE OF ADVANCED SPECIAL STUDY.

‡20. Advanced special study of selected Sanskrit works, with practice in the use of the manuscripts of the Harvard collection. Professor LANMAN.

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THE CLASSICS.

Primarily for Undergraduates.

GREEK.

G. Course for Beginners. *Tu., Th., Sat., at 12.* Dr. CHASE. (XIII)
Students who wish to take this course must consult the instructor in advance. It may not be taken to remove an admission condition, and it will not be counted for Honors.

A. Homer. Attic Prose. Composition. *Mon., Wed., Fri., at 12.* Asst. Professor HARRIS and Dr. CHASE. (V)
Course *A* is intended for students who have passed in Elementary Greek for admission, or in Course *G*. It will not be counted for Honors.

B. Greek Literature. — Plato (Apology, Crito); Lysias (selected orations); Xenophon (selections from the Memorabilia); Elegiac, Iambic, and Lyric Poets (selections); Euripides (Medea, Iphigenia among the Taurians). Lectures on the History of Greek Literature. I, *Mon., Wed., Fri., at 12;* II, *Tu., Th., Sat., at 11.* Professor H. W. SMYTH, Asst. Professors GULICK and HARRIS. (V or XII)
Course *B* is intended for students who have passed in Advanced Greek for admission, or in Course *A*. It may be counted for Second-Year, but not for Final, Honors.

E hf. Greek Prose Composition (first course). — Goodwin's Moods and Tenses of the Greek Verb. *Half-course. Wed., and alternate Fri., at 2.30.* Dr. CHASE. (VII)
Course *E* may be counted for Second-Year, but not for Final, Honors. It is especially recommended to Freshmen intending to be candidates for Second-Year Honors, and may be taken with Latin *E*, although in the same examination group.

1. Greek Literature. — The Period of Athenian Supremacy. Herodotus (Book VIII); Aeschylus (Persians); Plutarch (Themistocles); Thucydides (parts of Book I); Aristophanes (Knights); Sophocles (Electra). *Mon., Wed., Fri., at 11.* Asst. Professor HARRIS. (IV)
Course 1 is open to those who have taken Course *B*, or have passed with credit in Course *A* or in Advanced Greek for admission, or who otherwise satisfy the instructor of their fitness. It may be taken during either half-year as a half-course.

2. Greek Literature. — Aristophanes (Acharnians, Birds); Thucydides (Books VI and VII); Aeschylus (Prometheus Bound); Sophocles (Oedipus Tyrannus). *Tu., Th., Sat., at 10.* Professor J. H. WRIGHT and Asst. Professor CLIFFORD H. MOORE. (XI)
Course 2 is important for candidates for Second-Year Honors.

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3 *hf.* Greek Prose Composition (second course). — Translation and original composition (narrative and descriptive). *Half-course. Tu., at 2.30.* Asst. Professor HARRIS. (XV)

Course 3 is intended especially for candidates for Second-Year Honors, and may be taken with Latin 3, although in the same examination group. The final examination in this course is identical with the special examination in Greek Composition for Second-Year Honors.

LATIN.

A. Cicero (selected speeches). Virgil. Composition. *Tu., Th., Sat., at 11.* Dr. W. W. BAKER. (XII)

Course *A* is intended for students who have passed in Elementary Latin for admission. It will not be counted for Honors.

B. Latin Literature. — Livy (Book I); Horace (Odes and Epodes); Terence (Andria and Phormio). I, *Tu., Th., Sat., at 12;* II and III, *Mon., Wed., Fri., at 11.* Professor HOWARD, Associate Professor C. P. PARKER, Asst. Professor CLIFFORD H. MOORE, and Dr. E. K. RAND. (XIII or IV)

Course *B* is intended for students who have passed in Advanced Latin for admission, or in Course *A*. It may be counted for Second-Year, but not for Final, Honors.

E hf. Latin Composition (first course). — Translation of English narrative. *Half-course. Mon., and alternate Fri., at 2.30.* Dr. E. K. RAND. (VII)

Course *E* may be counted for Second-Year, but not for Final, Honors. It is recommended to Freshmen who propose to be candidates for Second-Year Honors, and may be taken with Greek *E*, although in the same examination group.

1. Latin Literature. — Tacitus (Annals I–VI); Horace (Satires and Epistles); Catullus (selections). *Mon., Wed., Fri., at 10.* Professor MINTON WARREN and Associate Professor C. P. PARKER. (III)

Course 1 is open to students who have passed in Course *B*. It is important for candidates for Second-Year Honors.

2. Latin Literature. — General View of Latin Poetry. *First half-year:* Poetry of the Republic and of the Augustan Age. *Second half-year:* Poetry of the Silver Age and of the Later Empire. Lectures and reading of selections. *Tu., Th., Sat., at 12.* Associate Professor C. P. PARKER and Dr. E. K. RAND. (XIII)

Course 2 may be taken in either half-year as a half-course. It is open to students who have passed in Course *B* or have had an equivalent training.

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3 *hf.* Latin Composition (second course). — Extended study of idiom. Practice in translation. *Half-course. Th., at 2.30.* Professor HOWARD. (XV)

Course 3 is open to those who have passed in Course *E* or who otherwise satisfy the instructor that they are properly qualified. It is intended especially for candidates for Second-Year Honors, and may be taken with Greek 3, although in the same examination group. The final examination in this course is identical with the special examination in Latin Composition for Second-Year Honors.

For Undergraduates and Graduates.

Besides the courses under this head, certain of the Courses Primarily for Graduates may advantageously be taken by duly qualified undergraduates, especially (among those to be given in 1902–03) Courses 38, 39, 44, 45, and 46.

GREEK.

6. Greek Literature. — Demosthenes (On the Crown); Aeschines (Against Ctesiphon); Aeschylus (Seven against Thebes); Sophocles (Antigone); Aristophanes (Frogs); collateral reading. *Tu., Th., Sat., at 10.* Professor H. W. SMYTH and Asst. Professor GULICK. (XI)

Course 6 may, with the consent of the instructor (Professor SMYTH in the first half-year, and Asst. Professor GULICK in the second), be taken during either half-year as a half-course.

7 *hf.* Greek Prose Composition (third course). — Written composition in the style of Demosthenes and of Plato, with studies of classical models. Translation of selections of standard English (rhetorical and philosophical). *Half-course. Th., at 1.30.* Professor J. H. WRIGHT. (XIV)

Course 7 is open to those who have already taken Course 3, and may be taken with Latin 7, although in the same examination group. The final examination in this course is identical with the special examination in Greek Composition for Final Honors. It may be taken in two successive years, counting as a half-course in each year.

[5 ½*hf.* The Elements of Modern Greek. *Half-course (first half-year). Three times a week.* Dr. CHASE.]

Omitted in 1902–03.

This course cannot be counted for Second-Year or Final Honors.

9. Introduction to the Study of the New Testament. — The Origin and History of the New Testament Writings; the Teaching of Jesus Christ and of the New Testament Authors. *Mon., Wed., Fri., at 9.* Asst. Professor ROPES. (II)

An elementary knowledge of Greek is sufficient for this course.

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8. Greek Philosophy. — Plato (Republic); Aristotle (Ethics, Books I–IV and X). *Tu., Th., Sat., at 9.* Professor J. H. WRIGHT. (X)

In Course 8 attention will be directed mainly to the subject-matter of the authors read. The course is important for candidates for Final Honors in Classics. It may also be counted for Honors in Philosophy.

17 ²*hf.* Greek Literature. — Four Plays, with studies of their influence in Art and in the Drama of later ages. For 1902–03: Aeschylus (Choephoroe), Sophocles (Oedipus Tyrannus), Euripides (Iphigenia among the Taurians), Aristophanes (Wasps). *Half-course (second half-year). Tu., Th., Sat., at 11.* Asst. Professor HARRIS. (XII)

10. The Life of the Ancient Athenians, described and illustrated by the aid of the Literature and of the Monuments. — Lectures; required reading; two short theses. *Tu., Th., and (at the pleasure of the instructor) Sat., at 12.* Asst. Professor GULICK. (XIII)

Course 10 is given alternately with Latin 10, and is open to Juniors, Seniors, and Graduates. The note-books of students in the course will be examined monthly.

11. The History of the Greek Drama. — Lectures on the Dramatic Art and Literature of the Greeks, with reading and study of the extant plays of the Greek dramatists. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 12.* Professor J. W. WHITE. (V)

This course does not require a knowledge of Greek.

NOTE. — For a course on the History of Greece, Professor J. H. WRIGHT, see History 2, and for a course for Teachers of Classics, Associate Professor C. P. PARKER, see Education 10*a*.

LATIN.

6. Latin Literature. — Suetonius (selections); Pliny (selected Letters); Juvenal (the principal Satires); Martial (selected Epigrams). *Mon., Wed., Fri., at 10.* Professor HOWARD. (III)

13 ²*hf.* Latin Literature. — The Elegiac Poets. *Half-course (second half-year). Mon., Wed., Fri., at 2.30.* Dr. W. W. BAKER. (VII)

Courses 6 and 13 are adapted for students who have passed in Course 1 or 2.

7 *hf.* Latin Composition (third course). — Practice in Latin expression and style. Translation into Latin prose. Original essays in Latin. *Half-course. Tu., at 1.30.* Associate Professor C. P. PARKER. (XIV)

Course 7 is open to students who have passed in Course 3, or who otherwise satisfy the instructor that they are properly qualified. It may be taken in two successive years, counting as a half-course in each year. It may be taken with Greek 7, although in the same examination group.

Provision will also be made in this course for students who, having taken it already or pursued equivalent studies, desire more advanced instruction.

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8. Latin Literature. — *First half-year:* Plautus (four plays). *Second half-year:* Cicero (Tusculan Disputations); Lucretius. *Mon., Wed., Fri., at 11.* Professors MINTON WARREN and MORGAN. (IV)

Course 8 may be taken during either half-year as a half-course. It is important for candidates for Final Honors.

15. The Works of Virgil, with studies of his Sources and of his Literary Influence from his own times to the Renaissance. *Mon., Wed., Fri., at 9.* Professor MORGAN, and Drs. E. K. RAND and W. W. BAKER. (II)

[10. The Private Life of the Romans. — Lectures; study of ancient representations; required reading and short theses on special topics. *Tu., Th., and (at the pleasure of the instructor) Sat., at 12.* Professor MORGAN.] (XIII)

Omitted in 1902–03.

Course 10 is given alternately with Greek 10, and is open to Juniors, Seniors, and Graduates. The note-books of students in the course will be examined monthly.

NOTE. — For a course on the History of Rome, Professor HASKINS, see History 3, and for a course for Teachers of Classics, Associate Professor C. P. PARKER, see Education 10*a*.

Primarily for Graduates.

CLASSICAL PHILOLOGY.

25. Proseminary. — Introduction to the methods of Criticism and Research, with special reference to the textual criticism and interpretation of Classical Authors. Lectures and exercises. *Tu., Th., at 2.30.* Asst. Professor CLIFFORD H. MOORE. (XV)

Course 25 or a similar preparation is required for admission to the Seminary of Classical Philology.

73 ½*hf.* The Greek Epigram. *Half-course (second half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 10.* Professor H. W. SMYTH. (XI)

‡66 ½*hf.* Aeschylus (Agamemnon and Eumenides). *Half-course (first half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 10.* Professor GOODWIN. (XI)

38. The Comedies of Aristophanes. *Fri., 2.30–4.30, and a third hour at the pleasure of the instructor.* Professor J. W. WHITE. (VIII)

‡44. Thucydides. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 11.* Professor H. W. SMYTH. (IV)

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‡27 1*hf*. Aristotle (Politics and parts of the Constitution of Athens). *Half-course* (*first half-year*). *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 11.* Professor GOODWIN. (XII)

54 2*hf*. The Acts of the Apostles. *Half-course* (*second half-year*). *Three times a week.* Asst. Professor ROPES.

This course is the same as New Testament 7, announced by the Faculty of Divinity.

68. The Comedies of Plautus. *Mon., Wed., at 2.30.* Professor MINTON WARREN. (VII)

45 1*hf*. The Early Career of Cicero, from its outset to the end of the prosecution of Verres. — Lectures and reading of the orations. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 10.* Professor MORGAN. (III)

‡46 2*hf*. Livy. — Reading and discussion of large portions of historical importance. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 12.* Asst. Professor H. E. BURTON (Dartmouth College). (V)

‡39 1*hf*. Seneca's Philosophy, Science, Ethics, and Descriptions of Roman Life. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 9.* Associate Professor C. P. PARKER. (II)

57 1*hf*. Introduction to later Roman Philosophy. — Boethius (Consolatio Philosophiae). Lectures, readings, and special studies. *Half-course* (*first half-year*). *Tu., Th., Sat., at 9.* Dr. E. K. RAND. (X)

[11. History of Latin Literature (Poetry). — Lectures, with direction of the students' private reading. *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 11.* Professor SMITH.] (XII)

Omitted in 1902–03; to be given in 1903–04.

[12. History of Latin Literature (Prose). — Lectures, with direction of the students' private reading. *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 11.* Professor SMITH.] (XII)

Omitted in 1902–03.

‡70 1*hf*. General Introduction to Indo-European Philology. — Lectures, with assigned reading. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 12.* Professor C. D. BUCK (University of Chicago). (V)

‡71 1*hf*. Outlines of the Comparative Grammar of Greek and Latin (Sounds and Inflections). — Lectures and exercises. *Half-course* (*first half-year*). *Tu., Th., Sat., at 12.* Professor C. D. BUCK (University of Chicago). (XIII)

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[34 *hf.* Greek Grammar (Sounds and Inflections). Study of Dialectic Inscriptions. *Half-course.* Asst. Professor GULICK.]
Omitted in 1902–03.

‡21 1*hf.* Introduction to Greek Epigraphy. — Lectures and practical exercises. *Half-course* (*first half-year*). *Tu., Th., Sat., at 11.* Professor H. W. SMYTH. (XII)

[22 *hf.* Latin Grammar (Sounds and Inflections). *Half-course.* Professor MINTON WARREN.]
Omitted in 1902–03.

‡63 2*hf.* Introduction to Latin Epigraphy. — Lectures and practical exercises. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 11.* Professor MINTON WARREN. (IV)

58 2*hf.* Introduction to Latin Palaeography. *Half-course* (*second half-year*). *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 11.* Professor MINTON WARREN. (XII)

‡29 1*hf.* The Religion and Worship of the Greeks. — Lectures, with collateral reading and investigation. *Half-course* (*first half-year*). *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 12.* Asst. Professor CLIFFORD H. MOORE. (XIII)

53 2*hf.* Greek Mythology. — Lectures, reading, and short investigations. *Half-course* (*second half-year*). *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 9.* Asst. Professor GULICK. (X)

24 2*hf.* The Legal Antiquities of Athens and the Judicial Procedure of the Athenian Courts. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 10.* Professor MORGAN. (III)

26 1*hf.* The Private Life of the Romans (second course). — Investigation of special topics. *Half-course* (*first half-year*). *Three times a week.* Professor MORGAN.
Open to those who have taken Latin 10 or who have pursued equivalent studies.

‡67 1*hf.* Pausanias, with special reference to the monuments of Delphi and Olympia. — Lectures, theses, and reports. *Half-course* (*first half-year*). *Mon., Wed., at 3.30.* Professor J. H. WRIGHT.

‡72 2*hf.* The Topography of Rome. — Lectures, reading, and investigation of special topics. *Half-course* (*second half-year*). *Tu., Th., Sat., at 12.* Asst. Professor H. E. BURTON (Dartmouth College). (XIII)

20. THE SEMINARY OF CLASSICAL PHILOLOGY.

DIRECTORS FOR 1902–03: Professors MORGAN and HOWARD.

The design of the Seminary is to afford training in philological criticism and research. The meetings are ordinarily devoted to the text-criticism and interpretation of Greek and Latin authors. Open meetings, at which

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the members present for discussion theses on topics in Classical Philology, are held several times in the year. In the conduct of these meetings the Directors have the coöperation of other instructors in the Department.

The authors selected for 1902-03 are Antiphon and Suetonius. The meetings are held on *Tuesdays and Thursdays, from 2.30 to 4 o'clock.*

Only those are eligible to the Seminary who have taken Course 25 or have had a similar preparation.

Attention is called to French 13, Romance Philology 2, Comparative Literature 1 and 7, Philosophy 12 and 20*f*, Education 10*a*, Fine Arts 3 and 20*a*, and to the following courses in History: —

History 17. Introduction to Greek Constitutional History. Professor J. H. WRIGHT.

History 20*i*. Greek Constitutional History. Professor J. H. WRIGHT.

The courses which are bracketed in the preceding list are either courses which are usually given in alternate years, or courses which will probably be given in 1903-04. A list of courses given at less frequent intervals may be found in the Descriptive Pamphlet of the Department of the Classics.

ENGLISH.

Study of literature forms a part of every course in English Composition, and practice in composition forms a part of many of the courses in English Literature.

Primarily for Undergraduates.

A. Rhetoric and English Composition. — A. S. Hill's Principles of Rhetoric (revised and enlarged edition). Lectures, recitations, written exercises, and conferences. I, *Mon., Wed., Fri., at 10;* II, *Mon., Wed., Fri., at 11;* III, *Mon., Wed., Fri., at 12;* IV, *Tu., Th., Sat., at 10;* V, *Tu., Th., Sat., at 11;* VI, *Tu., Th., Sat., at 12.* Professors A. S. HILL and BRIGGS, Asst. Professor HURLBUT, Mr. COPELAND, Dr. HOYT, Messrs. NUTTER, NOYES, REYNOLDS, STEARNS, UTTER, RIDEOUT, and SILLS. (XVI)

Asst. Professor HURLBUT will have the general direction of Course *A*.

Course *A* is prescribed for Freshmen and for first-year students of the Scientific School. For examinations it is placed in Group XVI.

Undergraduates of Harvard College who pass in Course *A* with Grade *D* are required to take in the ensuing year a half-course in English Composition in addition to their regular elective work. For the requirements in the case of students of the Scientific School, see the notes under Course *BC*.

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BC hf. English Composition. —Written exercises and conferences. *Half-course. Wed., at 1.30, and a second hour at the pleasure of the instructor.* Messrs. T. HALL and HALE. (VI)

Course *BC* is open to students of the Scientific School who have passed in Course *A*. It is prescribed for students in the course in General Science who have passed in Course *A* with a grade lower than *B*, and to students in the other courses of the School who have passed in Course *A* with a grade lower than *C*.

Course *BC* is not open to students who take or have taken Course 22, Course 31, or Course 36; and cannot be counted towards the degree of A.B., except with the permission of the Deans of the College and the Scientific School.

31. English Composition. *Tu., Th., at 2.30, and conferences at hours to be announced.* Asst. Professor GARDINER and Messrs. E. H. WELLS and STANTON. (XV)

Course 31 is open to those only who, having passed in Course *A*, take neither Course 22 nor Course 36. Except by special permission, it is not open to students who have taken Course *BC*. Students who signify their intention at the beginning of the year may take Course 31 for the first half-year as a half-course.

22. English Composition. *Tu., Th., at 1.30, and conferences at hours to be announced.* Professor BRIGGS, Dr. TUPPER, Messrs. NUTTER, STEARNS, ARENSBERG, FREUND, and HALE. (XIV)

Course 22 is open to those only who, having passed in Course *A*, take neither Course 31 nor Course 36. Except by special permission, it is not open to students who have taken Course *BC*. Students who signify their intention at the beginning of the year may, with the consent of the instructor, take Course 22 for the first half-year as a half-course.

36 ²*hf.* English Composition. *Half-course (second half-year). Tu., Th., at 12, and conferences at hours to be announced.* Mr. COBB and an assistant. (XIII)

Course 36 is open to those only who, having passed in Course *A*, take neither Course 31 nor Course 22. Except by special permission, it is not open to students who have taken Course *BC*.

NOTE. — *Courses 31, 22, and 36 are parallel courses; except by special permission of the Department of English only one of them may be counted towards a degree.*

28 *hf.* English Literature. — History and Development of English Literature in outline. *Half-course. Tu., Th., at 10 (first half-year); Tu., and (at the pleasure of the instructor) Th., at 10 (second half-year); conferences, Sat., at 10, at the pleasure of the instructor.* Professors A. S. HILL, BRIGGS, and KITTREDGE, Asst. Professor BAKER, and Messrs. T. HALL and J. G. HART. (XI)

Course 28 is open to none but Freshmen who have passed in English for admission, and first-year Special Students who have passed an equivalent test.

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18. The Forms of Public Address. *Mon., Wed., Fri., at 12.* Asst. Professor BAKER and Messrs. T. HALL, CARLETON, and STOCKTON. (V)

Course 18 is open to Sophomores, Juniors, and Seniors. Either section of Course 30 is open to students who have taken Course 18, and students who have attained Grade *C* in the first half of Course 18 may take Course 30 in the second half of the same year.

*30 $^{1 \text{ or } 2}$*hf.* Debating. I. *Mon., Fri., from 9 to 11 (first half-year); or* II, *Mon., Fri., from 9 to 11 (second half-year).* Asst. Professor BAKER and Mr. CARLETON. (II)

Except with the consent of the instructor, English 30 is open to Juniors and Seniors only.

During 1902–03, Course 30 will be given as a half-course during each half-year, but by special permission of the Department of English, both parts may be counted towards a degree. Except by special permission of the instructor, Course 30 may be taken in the first half-year by those students only who have passed in Course 18. Students in Course 18 who have attained Grade *C* for the first half-year may take Course 30 in the second half-year.

Students interested in public speaking are advised to take Course 18 one year, and Course 30 the next year.

*10 *hf.* Public Speaking. *Half-course. One hour, Mon. at 10, or Mon. at 11, or Tu. at 10, or Tu. at 11, and a second hour to be appointed.* Messrs. WINTER and HILLS.

Course 10 is intended for students somewhat advanced in platform speaking. Students needing special voice training may be required to give additional time for instruction.

For Undergraduates and Graduates.

3*a* ^{1}*hf.* Anglo-Saxon.—Bright's Anglo-Saxon Reader. *Half-course (first half-year). Mon., Wed., Fri., at 11.* Asst. Professor SCHOFIELD. (IV)

Course 3*a* requires no previous knowledge of Anglo-Saxon.

43 ^{2}*hf.* The English Language.—Studies in the Sources and History of the English Vocabulary. *Half-course (second half-year). Three times a week.* Professor KITTREDGE.

1. English Literature.—Chaucer. *Mon., Wed., Fri., at 9.* Asst. Professor F. N. ROBINSON and Dr. NEILSON. (II)

35. English Literature.—The English Bible. *Mon., Wed., Fri., at 12.* Asst. Professor GARDINER. (V)

9 ^{2}*hf.* English Literature.—Spenser. *Half-course (second half-year). Tu., Th., Sat., at 10.* Asst. Professor FLETCHER. (XI)

2. English Literature.—Shakspere (six plays). *Mon., Wed., Fri., at 10.* Professor KITTREDGE. (III)

Course 2 may be taken in two successive years.

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11*a* ¹*hf*. English Literature. — Bacon. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 11.* Dr. NEILSON. (IV)

11*b* ²*hf*. English Literature. — Milton. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 11.* Dr. NEILSON. (IV)

42*a* ¹*hf*. The Literary History of England from the Norman Conquest to Chaucer. *Half-course* (*first half-year*). *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 10.* Asst. Professor SCHOFIELD and Mr. TATLOCK. (XI)

42*b* ²*hf*. The Literary History of England from Chaucer to Elizabeth. *Half-course* (*second half-year*). *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 10.* Asst. Professor SCHOFIELD and Mr. TATLOCK. (XI)

32*a* ²*hf*. English Literature of the Elizabethan Period. — From Tottel's Miscellany to the death of Spenser (1557–1599). *Half-course* (*second half-year*). *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 12.* Dr. NEILSON and Mr. REYNOLDS. (XIII)

[32*b* ¹*hf*. English Literature. — From the death of Spenser to the Closing of the Theatres (1599–1642). *Half-course* (*first half-year*). *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 12.* Dr. NEILSON and an assistant.] (XIII)

Omitted in 1902–03; to be given in 1903–04.

[15 ²*hf*. English Literature. — From the Closing of the Theatres to the death of Dryden (1642–1700). *Half-course* (*second half-year*). *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 10.* Asst. Professor GATES and an assistant.] (XI)

Omitted in 1902–03; to be given in 1903–04.

7*a* ¹*hf*. English Literature of the Period of Queen Anne. — From the death of Dryden to the death of Swift (1700–1745). *Half-course* (*first half-year*). *Mon., Fri., and* (*at the pleasure of the instructor*) *Wed., at 2.30.* Mr. COBB and Mr. HALE. (VII)

7*b* ²*hf*. English Literature. — From the death of Swift to the publication of the Lyrical Ballads (1745–1798). *Half-course* (*second half-year*). *Mon., Fri., and* (*at the pleasure of the instructor*) *Wed., at 2.30.* Dr. MAYNADIER and an assistant. (VII)

8*a* ¹*hf*. English Literature. — From the publication of the Lyrical Ballads to the death of Scott (1798–1832). *Half-course* (*first half-year*). *Mon., Wed., and* (*at the pleasure of the instructor*) *Fri., at 9.* Asst. Professor FLETCHER and Mr. NUTTER. (II)

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[8*b* ²*hf*. English Literature. — From the death of Scott to the death of Tennyson (1832–1892). *Half-course* (*second half-year*). *Mon., Wed., and* (*at the pleasure of the instructor*) *Fri., at 9.* Asst. Professor FLETCHER and an assistant.] (II)

Omitted in 1902–03; to be given in 1903–04.

[41 ¹*hf*. English Literature. — History and Development of English Literature in outline from 1700 to 1900. *Half-course* (*first half-year*). *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 11.* Professor A. S. HILL and Mr. J. G. HART.] (XII)

Omitted in 1902–03.

Not open to students who take or have taken Course 28, 7*a*, 7*b*, 8*a*, or 8*b*.

[37 ²*hf*. English Literature. — The Story of King Arthur, from Malory to the present time. *Half-course* (*second half-year*). *Tu., Th., at 2.30, and a third hour at the pleasure of the instructor.* Dr. MAYNADIER.] (XV)

Omitted in 1902–03.

[*29 *hf*. English Literature. — The Beginnings of the English Novel. *Half-course. Wed., at 12.* Professor A. S. HILL and Mr. COBB.] (V)

Omitted in 1902–03.

34 *hf*. English Literature. — English Letter Writers. *Half-course. Mon., at 11.* Mr. COPELAND and Mr. REYNOLDS. (IV)

[23 ¹*hf*. English Literature. — The Works of Shakspere. *Half-course* (*first half-year*). *Tu., Th., and* (*at the pleasure of the instructor*) *Sat., at 12.* Professor WENDELL.] (XIII)

Omitted in 1902–03.

[33 ²*hf*. English Literature. — Literary History of America. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 9.* Professor WENDELL.]

Omitted in 1902–03. (II)

[*12. English Composition. *Tu., Th., at 2.30, and conferences at hours to be announced.* Professor WENDELL.] (XV)

Omitted in 1902–03; to be given in 1903–04.

With the consent of the instructor, Course 12 may be taken for the first half-year as a half-course.

See note under Course 5*a* below.

*5*a* ¹*hf*. English Composition (advanced course). *Half-course* (*first half-year*). *Mon., Fri., at 12, and another hour to be appointed by the instructors.* Professor A. S. HILL and Dr. MAYNADIER. (V)

During 1902–03, Course 5*a* will be open to such students as would ordinarily be received in Course 12.

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Primarily for Graduates.

19 ²*hf.* Historical English Grammar. *Half-course (second half-year). Three times a week.* Asst. Professor F. N. ROBINSON.

16 *hf.* History and Principles of English Versification. *Half-course. Fri., at 11.* Professor BRIGGS. (IV)

3*b* ²*hf.* Anglo-Saxon. — Béowulf. *Half-course (second half-year). Mon., Wed., Fri., at 11.* Professor KITTREDGE. (IV)

[25 ²*hf.* Anglo-Saxon. — Cædmon. Cynewulf. *Half-course (second half-year). Tu., Th., at 12.* Asst. Professor F. N. ROBINSON.]
Omitted in 1902–03; to be given in 1903–04. (XIII)

4. Early English. — English Literature from 1200 to 1450. Mätzner's Altenglische Sprachproben. *Mon., Wed., Fri., at 3.30.* Asst. Professor F. N. ROBINSON and Dr. NEILSON. (VIII)
Course 4 is open to those only who are acquainted with Anglo-Saxon.

21 ¹*hf.* Early English. — The Metrical Romances. Lectures and theses. *Half-course (first half-year). Mon., Wed., Th., at 11.* Professor KITTREDGE.
Course 21 is open to those only who are acquainted with Early English and Old French.

[27 ¹*hf.* The English and Scottish Popular Ballads. *Half-course (first half-year). Three times a week.* Professor KITTREDGE.]
Omitted in 1902–03; to be given in 1903–04.
Course 27 is for Graduates only.

[40 ¹*hf.* Scottish Literature, from Barbour to Lindesay. *Half-course (first half-year). Three times a week.* Dr. NEILSON.]
Omitted in 1902–03; to be given in 1903–04.

14. English Literature. — The Drama from the Miracle Plays to the Closing of the Theatres. *Tu., Th., Sat., at 12.* Asst. Professor BAKER. (XIII)

39 ¹*hf.* English Literature. — The Drama in England from 1642 to 1900. *Half-course (first half-year). Tu., Th., Sat., at 9.* Asst. Professor BAKER. (X)

24 ¹*hf.* English Literature. — Studies in the Poetry of the Nineteenth Century. *Half-course (first half-year). Tu., Th., Sat., at 12.* Professor A. S. HILL. (XIII)

[*5*b* ¹*hf.* English Composition and Literature — Studies in Modern English Prose. *Half-course (first half-year). Mon., Wed., Fri., at 12.* Professor A. S. HILL.] (V)
Omitted in 1902–03; to be given in 1903–04.
The number of students in Course 5*b* is necessarily limited.
With the consent of the instructor, Course 5*b* may be taken in two successive years.
Course 5*b* may be counted for Honorable Mention in either English Composition or English Literature, but not in both.

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Courses of Research.

20. The instructors in English will hold themselves ready to assist and advise competent Graduate Students who may propose plans of special study in the language or literature of the periods, or in the topics, mentioned below. Such plans, however, must in each case meet the approval of the Department.

I. Periods.

a. Anglo-Saxon. Asst. Professor F. N. Robinson.
b. Middle English. Professor Kittredge.
c. Earlier Modern English Literature. Asst. Professor Gardiner.
d. Later Modern English Literature. Professor A. S. Hill.

II. Topics.

g. The English Drama: its history, and its relation to Continental Drama. Asst. Professor Baker.

[*h*. The Literary History of America. Professor Wendell.]
Omitted in 1902–03; to be given in 1903–04.

Note. — For other courses concerning English Literature, see Comparative Literature 11 and 12, which may be counted for Honors in English.

GERMANIC LANGUAGES AND LITERATURES.

GERMAN.

Primarily for Undergraduates.

A. Elementary Course. — Grammar; German prose; practice in writing German. *Three times a week.* Drs. Bierwirth, Coar, and Skinner, and Messrs. Lawrence, W. H. Reed, Sturtevant, Wernaer, Dubée, and Grossmann. (IX)

Course *A* is prescribed for Freshmen who have not presented German for admission, and do not elect Course *B*. It is also oper to students in the Scientific School. The daily work of the course is conducted in a number of sections meeting at hours announced at the opening of the College year; but for examination this course is assigned to Group IX.

D. Elementary Course. — Grammar; German prose; practice in writing German. *Mon., Wed., Fri., at 9.* Drs. Bierwirth, Skinner, and Kullmer. (II)

Course *D* is intended for students in the Scientific School who have not presented German for admission.

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B. Elementary Course. — Grammar; German prose and poetry; practice in writing German. *Five times a week, counting as two courses. Mon., Wed., Fri., at 10; Tu., Th., at 3.30.* Mr. W. G. HOWARD and Dr. JESSEN. (III)

Course *B* may be substituted for Course *A* by any Freshman for whom Course *A* is prescribed, and it also counts as a full course in his list of elective courses. It may be taken, to count as one course, by a student who has passed in Elementary German for admission. It is equivalent to Courses *A* and 1*a* combined.

C. German Prose and Poetry. — Grammar and practice in writing German. I, *Mon., Wed., Fri., at 7.45*; II, *Mon., Wed., Fri., at 11.* Drs. COAR, WALZ, and SKINNER. (I or IV)

Course *C* is intended for Freshmen who have passed in Elementary German for admission. It is not open to students who have taken Course *A* or any elective course in German. The two sections have separate examinations.

1*a.* German Prose and Poetry. — Grammar and practice in writing German. *Mon., Wed., Fri., at 9.* Drs. WALZ and COAR. (II)

1*b.* German Prose. — Subjects in History and Biography. *Mon., Wed., Fri., at 11.* Dr. SKINNER. (IV)

Courses *B*, *C*, 1*a*, and 1*b* are introductory to Courses 2*a*, 2*b*, 3, and 4, and are also equivalent to the Advanced German of the admission requirements.

Courses 1*a* and 1*b* are parallel courses, and are intended for students who have taken Course *A*. No student is allowed to take both of them, and they are not intended for students who have presented German for admission (see note under Course *C*), or who have taken an elective course in German.

In Course 1*b* a large amount is read, but less attention is paid to grammar than in Course 1*a*, and the course is especially adapted to those students who wish to acquire facility in reading German in preparation for the use of the language in History and other college studies.

1*c.* German Prose, narrative and descriptive. *Tu., Th., Sat., at 9.* Dr. JESSEN and Mr. SEIBERTH. (X)

Course 1*c* is especially intended for students who have taken Course *D*; it is also open to students who have passed in Elementary German for admission or have taken Course *A*. It will not remove a condition in Advanced German.

F hf. Practice in speaking and writing German (first course). *Half-course. Tu., Th., at 2.30.* Dr. KULLMER. (XV)

Course *F* is open to students who have passed in Advanced German for admission or have taken Course *B*, *C*, or 1*a*; also to students who have attained Grade *A* or *B* in Course *A*.

H hf. Practice in speaking and writing German (second course). *Half-course. Tu., Th., at 2.30.* Dr. BIERWIRTH. (XV)

Course *H* is open to students who have passed in Course *F*, or who otherwise satisfy the instructor of their fitness to take it. It is especially designed for students who intend to become teachers of German.

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[*Ghf.* German Grammar and practice in writing German. *Half-course. Th., at 2.30, with conferences at the discretion of the instructor.* Dr. COAR.] (XV)

Omitted in 1902–03.

2a. Introduction to German Literature of the Eighteenth and Nineteenth Centuries. — Selections from the works of Lessing, Goethe, and Schiller. German Ballads and Lyrics. Practice in writing German. *Mon., Wed., Fri., at 12.* Mr. W. G. HOWARD and Dr. JESSEN. (V)

This course is conducted in English; see also notes under Course 4.

2b. Introduction to German Literature of the Eighteenth and Nineteenth Centuries. — Selections from the works of Lessing, Goethe, and Schiller. German Ballads and Lyrics. Practice in writing German. *Tu., Th., Sat., at 9.* Professor H. S. WHITE and Dr. KULLMER. (X)

This course is conducted in English; see also notes under Course 4.

3. Schiller and his Contemporaries. — Lessing (Emilia Galotti); Schiller (Der Dreissigjährige Krieg; Wallenstein; Maria Stuart; Die Jungfrau von Orleans); Goethe (Egmont or Iphigenie). Practice in writing German. *Mon., Wed., Fri., at 11.* Dr. BIERWIRTH. (IV)

This course is conducted mainly in German; see also notes under Course 4.

4. Goethe and his Time. — Götz von Berlichingen; Egmont; Iphigenie; Tasso; Dichtung und Wahrheit; Gedichte; Faust. Practice in writing German. *Tu., Th., Sat., at 12.* Professor VON JAGEMANN. (XIII)

This course is conducted mainly in German.

Courses 2*a*, 2*b*, 3, and 4 are parallel courses and are intended for students who have taken Course *B*, *C*, 1*a*, or 1*b*, or have passed in Advanced German for admission. Only one of them may be taken as a full course; a student who takes or has taken one of them may take one other as a half-course; but no student may take both 2*a* and 2*b*.

Course 2*a* is especially designed for students who have passed in Advanced German for admission or have taken Course *C*. It is not open to other students except with the consent of the instructor.

Course 2*b* is especially designed for students who have taken Course *B* or 1*a*.

Courses 3 and 4 are especially designed for those students who have passed with high credit either in Advanced German for admission or in Course *B* or 1*a*, and wish to enter upon a more extended study of German literature than is made in Courses 2*a* and 2*b*.

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GERMAN LITERATURE.

For Undergraduates and Graduates.

25 *hf.* History of German Literature in outline. — Lectures and collateral reading of representative works in English translations. *Half-course. Fri., at 1.30.* Professor FRANCKE and Mr. BUSSE.
This course does not require a knowledge of German. (VI)

5. German Literature of the Classic Period of the Eighteenth Century. — Lectures and collateral reading. *Tu., Th., Sat., at 12.* Professor FRANCKE and Mr. BUSSE. (XIII)

26*a* ^{1}*hf.* German Literature in the first half of the Nineteenth Century. — Kleist; Uhland; Heine. Lectures, with collateral reading. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 2.30.* Mr. W. G. HOWARD. (VII)

26*b* ^{2}*hf.* German Literature in the second half of the Nineteenth Century. — The Development of the Novel and the Drama. Lectures, with collateral reading. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 2.30.* Mr. W. G. HOWARD. (VII)

27. Goethe's and Schiller's Minor Poems; with some examination of the sources and of the relation of the poems to the life and intellectual development of each author. *Mon., Wed., Fri., at 12.* Professor H. S. WHITE. (V)

[28. Goethe's Italienische Reise. *Mon., Wed., Fri., at 12.* Professor H. S. WHITE.] (V)
Omitted in 1902–03; to be given in 1903–04.

29. The Life and Writings of Richard Wagner. — Selections from the texts of Richard Wagner's musical dramas, including Der Fliegende Holländer, Tannhäuser, Lohengrin, Tristan und Isolde, Die Meistersinger, Der Ring des Nibelungen and Parsifal, with some study of the legendary background, and with illustrations and elucidations from Wagner's other writings. *Mon., Wed., Fri., at 9.* Professor H. S. WHITE. (II)

8. German Literature in the Twelfth and Thirteenth Centuries. — Nibelungenlied; Kudrun; Hartmann (Der arme Heinrich); Wolfram (Parzival); Walther von der Vogelweide. Translation into modern German. Lectures and collateral reading. *Mon., Wed., Fri., at 2.30.* Dr. WALZ. (VII)

[10 *hf.* German Literature in the Sixteenth Century. — Humanism and Reformation. Hutten, Luther, Hans Sachs, Fischart. Popular Literature in prose and verse. The Drama. Lectures, with collateral reading. *Half-course. Sat., at 11.* Mr. W. G. HOWARD.] (XII)
Omitted in 1902–03.

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Primarily for Graduates.

[9*a* 1*hf*. German Literature and Art in the Thirteenth and Fourteenth Centuries. — First Climax of Religious Sculpture. The Mystic Movement. Meister Eckhart; Suso; Tauler. *Half-course (first half-year)*. *Mon., Fri., at 3.30.* Professor FRANCKE.] (VIII)
Omitted in 1902–03; to be given in 1903–04.

[9*b* 2*hf*. German Literature and Art in the Fifteenth Century. — The Religious Drama and its relation to Religious Painting from the Van Eycks to Dürer. *Half-course (second half-year)*. *Mon., Fri., at 3.30.* Professor FRANCKE.] (VIII)
Omitted in 1902–03; to be given in 1903–04.

‡11*a* 1*hf*. The early Romantic Movement in Germany, with special reference to its social and political aspects. — Novalis; the brothers Schlegel; Tieck. *Half-course (first half-year)*. *Mon., Fri., at 3.30.* Professor FRANCKE. (VIII)

‡11*b* 2*hf*. The later Romantic Movement in Germany, with special reference to its social and political aspects. — The Wunderhorn; Fichte's Reden an die deutsche Nation. The Literature of the Wars of Liberation and of the Restoration. *Half-course (second half-year)*. *Mon., Fri., at 3.30.* Professor FRANCKE. (VIII)
Courses 5, 8, 9*a*, 9*b*, 11*a*, and 11*b* are conducted in German.

SCANDINAVIAN LITERATURE.

For Undergraduates and Graduates.

1. Modern Danish and Norwegian Literature. — Holberg, Oehlenschläger, Ibsen, Björnson, and other writers. Practice in the spoken language. Lectures on the history of Scandinavian Literature. *Three times a week.* Asst. Professor SCHOFIELD.

Primarily for Graduates.

[2. Icelandic (Old Norse). — Selections from the Sagas and the Elder Edda. *Mon., Wed., Fri., at 12.* Asst. Professor SCHOFIELD.]
Omitted in 1902–03; to be given in 1903–04. (V)

GERMANIC PHILOLOGY.

Primarily for Graduates.

‡12*a* 1*hf*. Gothic. Introduction to the study of Germanic Philology. — General introduction; phonology. *Half-course (first half-year)*. *Tu., Th., Sat., at 9.* Professor VON JAGEMANN. (X)

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‡12*b* ²*hf*. Introduction to the study of Germanic Philology (continued). — Morphology; etymology. *Half-course* (*second half-year*). *Tu., Th., Sat., at 9.* Professor VON JAGEMANN. (X)

‡14 ²*hf*. Old Saxon. Introduction to Germanic Metrics. *Half-course* (*second half-year*). *Tu., Th., at 3.30.* Dr. BIERWIRTH. (XVI)

‡15 ¹*hf*. Old High German. *Half-course* (*first half-year*). *Tu., Th., at 3.30.* Dr. WALZ. (XVI)

‡21. History of the German Language. *Tu., Sat., at 11.* Professor VON JAGEMANN. (XII)

[16 ¹*hf*. Germanic Mythology. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 11.* Professor KITTREDGE.] (IV)
Omitted in 1902–03.

‡18 ²*hf*. Germanic Antiquities. *Half-course* (*second half-year*). *Tu., Th., at 2.30.* Dr. WALZ. (XV)

SEMINARY COURSES.

‡20*a*. Luther's German Writings. *Mon., at 4.30.* Professor VON JAGEMANN.

‡20*c*. Topics in the German Romantic Movement. *Wed., at 3.30.* Professor FRANCKE.

ROMANCE LANGUAGES AND LITERATURES.

FRENCH.

Students who lack the qualifications for admission to a particular course which are specified in the description of that course must consult the instructor before enrolment.

Primarily for Undergraduates.

A. Elementary Course. — French prose and composition. *Three times a week.* Asst. Professor C. H. C. WRIGHT, assisted by Messrs. MORRISON and MYRICK. (IX)

This course is prescribed for Freshmen who did not present French for admission.

1*c*. Reading, translation, grammar, and composition. *Mon., Wed., Fri., at 9.*. Mr. MORLEY, assisted by Mr. WHITTEM. (II)

This course is conducted mainly in English. It is intended primarily for students in the Scientific School who have passed in Elementary French for admission. See, further, notes under Course 1*a*.

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1*b*. French Prose, historical and general. Translation from French into English. I, II, *Tu., Th., Sat., at 11;* III, *Tu., Th., Sat., at 12.* Messrs. BABBITT and MORLEY. (XII or XIII)

This course is conducted in English. The two sections will have separate examinations. It is open to students who have passed in Course *A* or in Elementary French for admission. See, further, notes under Course 1*a*.

1*a*. Reading, translation, grammar, and composition. *Tu., Th., Sat., at 9.* Associate Professor DE SUMICHRAST and Mr. BRUN. (X)

This course is conducted mainly in French. It is open to students who have passed in Course *A* or in Elementary French for admission.

No student is permitted to take more than one course in the series 1*c*, 1*b*, 1*a*.

If taken by Seniors, Course 1*c*, 1*b*, or 1*a* will not, save in exceptional cases, be counted for the degree of A.B.

Courses 1*c*, 1*b*, and 1*a* are not open to students who have passed in Advanced French for admission.

2*c*. French Prose and Poetry.—Corneille, Racine, Molière, Beaumarchais, Lamartine, Victor Hugo, Alfred de Musset, Balzac. Composition. *Mon., Wed., Fri., at 10.* Asst. Professor MARCOU, Dr. M. A. POTTER and Mr. MORLEY, assisted by Messrs. N. F. HALL and WHITTEM. (III)

This course is conducted in English. See note under Course 2*a*.

2*a*. French Prose and Poetry. — Corneille, Racine, Molière, Victor Hugo, George Sand, Alfred de Musset, Sainte-Beuve. Composition. I, *Mon., Wed., Fri., at 1.30;* II, *Mon., Wed., Fri., at 10.* Asst. Professor C. H. C. WRIGHT and Messrs. BABBITT and LA MESLÉE. (VI or III)

This course is conducted in French. The two sections will have separate examinations.

Courses 2*c* and 2*a* are parallel courses, and are introductory to Courses 6*c* and 6. One only of them may be taken. They are open to students who have passed in Course 1*c*, 1*b*, or 1*a*, or in Advanced French for admission.

3 *hf*. Practice in speaking and writing French (elementary course). *Half-course. Tu., Th., at 3.30.* Messrs. BRUN and LA MESLÉE. (XVI)

There are two sections in this course at the hours named, and two at other hours.

Course 3 is open to students who have passed in Course *A* with a grade not lower than *C*, or have done equivalent work in French. For Seniors it will not, save in exceptional cases, be counted towards the degree of A.B. See, further, notes under Course 5.

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4 *hf.* Practice in speaking and writing French (intermediate course). *Half-course. Mon., Fri., at 3.30.* Mr. BRUN. (VIII)

There is one section in this course at the hours named, and there are two at other hours.

Course 4 is open to students who have passed in Course 3 with a grade not lower than *C*. See, further, notes under Course 5.

5 *hf.* Practice in speaking and writing French (advanced course).— Oral discussions. *Half-course. Tu., Th., at 2.30.* Mr. BRUN. (XV)

Open to students who have passed in Course 4 with a grade not lower than *B*, or have done equivalent work.

Of Courses 3, 4, and 5, two only may be counted towards the degree of A.B.

There are no mid-year or final examinations in Courses 3, 4, and 5.

For Undergraduates and Graduates.

6*c*. General view of French Literature. — Reading, recitations, lectures, composition. *Tu., Th., Sat., at 10.* Professor GRANDGENT. (XI)

This course is conducted in English. See notes under Course 6.

6. General view of French Literature. — Lectures, reading, themes, and collateral reading. *Tu., Th., Sat., at 10.* Associate Professor DE SUMICHRAST and Mr. BRUN. (XI)

Course 6 is a lecture course with a large amount of reading, and is conducted in French.

Courses 6*c* and 6 are parallel courses, and are open to students who have passed in Course 1*a* with the grade of *A*, or in Course 2*c* or 2*a* with a grade not lower than *C*.

Of Courses 6*c* and 6, one only may be taken.

[13. The rise and growth of Classicism in French Literature. — Lectures, reading, and theses. *Tu., Th., Sat., at 9.* Asst. Professor C. H. C. WRIGHT.] (X)

Omitted in 1902–03. See note under Course 10.

This course is conducted in English, and is open to students who have passed in Course 6*c* or 6 with a grade not lower than *C*.

14. French Lyric Poetry from Villon and the Fifteenth Century to the present time. — Lectures, reading of texts, and theses. *Tu., Th., Sat., at 12.* Asst. Professor MARCOU. (XIII)

This course is conducted in English, and is open to students who have passed in Course 6*c* or 6 with a grade not lower than *C*.

18. French Life in the Seventeenth and Eighteenth Centuries, described and illustrated by the literature and works of art. — Lectures, reading, and themes. *Tu., Th., Sat., at 12.* Associate Professor DE SUMICHRAST and Mr. LA MESLÉE. (XIII)

This course is conducted in English.

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7*a* ¹*hf*. French Literature in the first half of the Nineteenth Century. — Victor Hugo and the Romanticist movement. Lectures, themes, and collateral reading. *Half-course (first half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 11.* Associate Professor DE SUMICHRAST. (XII)

This course is conducted in French. See note under Course 10.

7*b* ²*hf*. French Literature in the second half of the Nineteenth Century. — Victor Hugo and the reaction against the Romanticist movement. Lectures, themes, and collateral reading. *Half-course (second half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 11.* Associate Professor DE SUMICHRAST. (XII)

This course is conducted in French. See note under Course 10.

[8*a* ¹*hf*. Voltaire and his contemporaries. — Lectures, reading, themes, and collateral reading. *Half-course (first half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 11.* Associate Professor DE SUMICHRAST.] (XII)

Omitted in 1902–03.

This course is conducted in French. See note under Course 10.

[8*b* ²*hf*. The Drama in the Eighteenth Century. — Lectures, reading, themes, and collateral reading. *Half-course (second half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 11.* Associate Professor DE SUMICHRAST.] (XII)

Omitted in 1902–03.

This course is conducted in French. See note under Course 10.

Courses 7*a*, 7*b* and 8*a*, 8*b* are usually given in alternate years.

[9. French Literature in the Seventeenth Century. — Lectures, themes, and collateral reading. *Tu., Th., Sat., at 10.* Asst. Professor C. H. C. WRIGHT.] (XI)

Omitted in 1902–03.

This course is conducted in French.

10. French Literature in the Sixteenth Century. — Lectures, themes, and collateral reading. *Tu., Th., Sat., at 9.* Asst. Professor C. H. C. WRIGHT. (X)

This course is conducted in French.

Courses 13 and 10 are given in alternate years.

Courses 7*a*, 7*b*, 8*a*, 8*b*, 9, and 10 are open to students who have passed in Course 6*c* or 6 with a grade not lower than *C*.

Primarily for Graduates.

[17*hf*. Literary criticism in France, with special reference to the Nineteenth Century. — Lectures, reading, and a thesis. *Half-course. Tu., Th., at 3.30.* Mr. BABBITT.] (XVI)

Omitted in 1902–03.

This course is conducted in English.

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[11. Old French Literature. — Rapid reading of texts, with consideration of their literary relations. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 10.* Professor SHELDON.] (III)

Omitted in 1902–03.

See note under Course 12.

[12. Old French Literature. — The national Epic Poetry (the Chansons de geste). *Mon., Wed., and (at the pleasure of the instructor) Fri., at 10.* Professor SHELDON.] (III)

Omitted in 1902–03.

Courses 11 and 12 and Romance Philology 7 are given in successive years; French 12 will be offered in 1903–04.

Courses 11 and 12 are conducted in English, and are open to students who take or have taken Romance Philology 3. With the consent of the instructor, others may be admitted.

ITALIAN.

Primarily for Undergraduates.

1. Elements of Grammar. Selections from modern authors. Elementary exercises in writing Italian. *Tu., Th., Sat., at 11.* Asst. Professor FORD, assisted by Mr. CAPOTOSTO. (XII)

Course 1 is properly introductory to Course 2; and students who have not taken Course 1 will be permitted to take Course 2 only on satisfying the instructor of their fitness to do so.

Students are not permitted to elect Italian 1 and Spanish 1 in the same year.

For Undergraduates and Graduates.

2. Literature of the Fifteenth and Sixteenth Centuries. — Torquato Tasso, Ariosto, Machiavelli, Benvenuto Cellini. Reading at sight. *Tu., Th., Sat., at 9.* Mr. MYRICK. (X)

Courses 1 and 2 cannot be taken in the same year.

*10. The Works of Dante, particularly the Vita Nuova and the Divine Comedy. *Tu., Th., Sat., at 11.* Professor GRANDGENT. (XII)

Students who have not taken Course 1 will be permitted to take Course 10 only on satisfying the instructor of their fitness to do so.

Primarily for Graduates.

[3. Literature of the Thirteenth and Fourteenth Centuries. — Selections from Boccaccio, Petrarca, and Dante. Early Italian. Monaci's Crestomazia italiana dei primi secoli. *Tu., Th., Sat., at 9.* Professor GRANDGENT.] (X)

Omitted in 1902–03.

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SPANISH.

Primarily for Undergraduates.

1. Grammar, reading, and composition. Modern novels and plays. *Mon., Wed., Fri., at 1.30.* Asst. Professor FORD, Mr. LA MESLÉE, Dr. M. A. POTTER, and Mr. MORLEY, assisted by Mr. N. F. HALL. (VI)

Course 1 is properly introductory to Course 5; and students who have not taken Course 1 will be permitted to take Course 5 only on satisfying the instructor of their fitness to do so.

Students are not permitted to elect Italian 1 and Spanish 1 in the same year.

For Undergraduates and Graduates.

5. Spanish Prose and Poetry of the Nineteenth Century. — Lectures and collateral reading on Modern Spanish Literature. Composition. *Tu., Th., Sat., at 9.* Asst. Professor FORD. (X)

Courses 5 and 1 cannot be taken in the same year.

2. Literature of the Sixteenth and Seventeenth Centuries. — Cervantes, Lope de Vega, Calderón. *Mon., Wed., Fri., at 11.* Asst. Professor MARCOU. (IV)

Open to students who have passed in Course 5.

Primarily for Graduates.

3. Early Spanish. — The Poem of the Cid. Spanish Literature to the Fifteenth Century. *Mon., Wed., Fri., at 11.* Asst. Professor FORD. (IV)

To be omitted in 1903–04; usually given in alternate years.

ROMANCE PHILOLOGY.

Primarily for Graduates.

3. Old French. — Phonology and inflections. The oldest texts. La Chanson de Roland; Chrétien de Troyes; Aucassin et Nicolette. *Tu., Th., and (at the pleasure of the instructor) Sat., at 10.* Professor SHELDON. (XI)

4. Provençal. — Language and literature, with selections from the poetry of the troubadours. *Tu., Th., Sat., at 9.* Professor GRANDGENT and Dr. M. A. POTTER. (X)

To be omitted in 1903–04; usually given in alternate years.

5 ½*f*. Low Latin. *Half-course (first half-year). Tu., Th., at 7.45.* Professor GRANDGENT. (IX)

To be omitted in 1903–04.

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7. Anglo-French and the French Element in English. — Reading of texts; lectures. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 10.* Professor SHELDON. (III)
To be omitted in 1903–04. See note under French 12.

Here for convenience is placed: —

[2. General Introduction to Linguistic Science. — The Principles of Change in Language. Phonetics. The Pronunciation of English, French, German, and Latin. *Tu., Th., at 7.45.* Professors VON JAGEMANN and GRANDGENT.] (IX)
Omitted in 1902–03.

Attention is called to Classical Philology 70 and to Germanic Philology 12*a* and 12*b*.

COURSE OF SPECIAL STUDY.

Primarily for Graduates.

‡20*d*. Opportunities will be afforded to competent students for the investigation of special subjects in Romance Philology. Professor SHELDON.

COMPARATIVE LITERATURE.

For Undergraduates and Graduates.

*1. The History of Latin Literature in the Middle Ages (beginning with the Fourth Century), and its relations to Ancient and Modern Literature. — Lectures and theses. *Mon., Wed., Fri., at 12.* Dr. M. A. POTTER. (V)

[7 ²*hf*. Latin Bucolic Poetry from Virgil to the Renaissance. *Half-course (second half-year). Mon., Wed., Fri., at 9.* Dr. E. K. RAND.]
Omitted in 1902–03. (II)

*2. Mediaeval Literature in the vulgar tongues, with especial reference to the influence of France and Provence. — Lectures and theses. *Tu., Th., Sat., at 11.* Professor SHELDON. (XII)

*3. Tendencies of European Literature during the Renaissance. *Mon., Wed., Fri., at 12.* Asst. Professor FLETCHER. (V)

[*4. Tendencies of European Literature during the Age of Pseudo-Classicism and Rationalism. *Mon., Wed., Fri., at 2.30.*] (VII)
Omitted in 1902–03.

[*5. The History of Romanticism in England, Germany, and France during the Nineteenth Century. *Mon., Wed., Fri., at 2.30.*]
Omitted in 1902–03. (VII)

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Primarily for Graduates.

[10. The Origin and Literary History of the Arthurian Legends and Romances. — Lectures, special investigations, and theses. *Twice a week, and a third hour at the pleasure of the instructor.* Asst. Professor SCHOFIELD.]
Omitted in 1902–03.

[11 ½*hf*. The Literary Relations of England and the Continent in the Sixteenth Century. *Half-course (first half-year). Tu., Th., Sat., at 9.* Asst. Professor FLETCHER.] (X)
Omitted in 1902–03.

12. Literary Criticism since the Sixteenth Century. *Wed., Fri., at 3.30.* Mr. BABBITT. (VIII)

[15. Rousseau and his Influence. *Three times a week.* Mr. BABBITT.]
Omitted in 1902–03; to be given in 1903–04.

COURSE OF SPECIAL STUDY.

20. Competent Graduate Students will be afforded an opportunity, under the guidance of instructors, to pursue original investigation in special topics. Such students should consult Professor SHELDON.

CELTIC.

Primarily for Graduates.

1 ½*hf*. Old Irish. — Grammar and interpretation of texts. Stokes and Strachan's Thesaurus Palæohibernicus. General introduction to Celtic Philology. *Half-course (first half-year). Tu., from 8 to 10* P.M., *and Th., at 2.30.* Asst. Professor F. N. ROBINSON. (XV)

2 ½*hf*. Middle Irish. — Windisch's Irische Texte. Lectures on the history of Irish Literature. *Half-course (second half-year). Tu., from 8 to 10* P.M., *and Th., at 2.30.* Asst. Professor F. N. ROBINSON. (XV)
It is intended to offer this course in alternate years. It will probably be omitted in 1903–04.

[3 *hf*. Old and Middle Welsh. — Grammar and interpretation of texts. The Mabinogion and other selections from the Red Book of Hergest. Lectures on early Welsh Literature. *Half-course. Once a week, with a second hour at the pleasure of the instructor.* Asst. Professor F. N. ROBINSON.]
Omitted in 1902–03.
It is intended to offer this course in alternate years.

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The Celtic Conference.

Instructors and students interested in Celtic subjects will hold an informal conference fortnightly throughout the year. In 1902–03 the meetings will be devoted to the reading of selected texts in Welsh and in Scottish Gaelic.

SLAVIC LANGUAGES.

For Undergraduates and Graduates.

1*a*. Russian. — Grammar, reading, and composition. *Tu., Th., Sat., at 9.* Asst. Professor Wiener. (X)

1*b*. Russian. — Literature of the Nineteenth Century. Pushkin, Gogol, Turgenev, Tolstoy. Composition. *Tu., Th., Sat., at 11.* Asst. Professor Wiener. (XII)

2*a*. Polish. — Grammar, reading, and composition. *Three times a week.* Asst. Professor Wiener.

2*b*. Polish. — Literature of the Nineteenth Century. Mickiewicz, Krasinski, Slowacki, Pol, Kalina, Sienkiewicz. *Three times a week.* Asst. Professor Wiener.

4 *hf*. Introduction to the History of Russian Literature. — Lectures in English, and collateral reading of representative works. *Half-course. Fri., at 1.30.* Asst. Professor Wiener. (VI)

Course 4 does not require a knowledge of Russian.

Primarily for Graduates.

3 ^{1}*hf*. Old Church Slavic. — Leskien's Handbuch der Altbulgarischen Sprache. *Half-course (first half-year). Three times a week.* Asst. Professor Wiener.

3 ^{2}*hf*. General Survey of Slavic Philology. — Reading of Slavic texts. *Half-course (second half-year). Three times a week.* Asst. Professor Wiener.

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HISTORY AND POLITICAL SCIENCE.

In the courses in History and Government ability to make use of French text-books will be taken for granted, and knowledge of German will be of advantage.

HISTORY.

Primarily for Undergraduates.

1. Mediaeval and Modern European History (introductory course). *Mon., Wed., Fri., at 9.* Asst. Professor COOLIDGE and Messrs. FRYER, SHIPMAN, CABOT, and LELAND. Lectures by other instructors in the Department. (II)

For students who have passed in the third course of the Advanced History (European History) in satisfaction of the requirements for admission, Course 1 will not be counted towards the degree of A.B. For Juniors and Seniors it will be counted as a half-course only.

Course 1 may be counted as a half-course for Final Honors and Honorable Mention.

For Undergraduates and Graduates.

In order to be admitted to any of the following courses, students must have passed satisfactorily in Course 1, or must otherwise satisfy the instructor of their fitness to proceed.

[2. History of Greece to the Roman Conquest. *Mon., Wed., Fri., at 12.* Professor J. H. WRIGHT] (V)

Omitted in 1902–03. See note under Course 3.

3. History of Rome to the reign of Diocletian. *Mon., Wed., Fri., at 12.* Professor HASKINS. (V)

To be omitted in 1903–04.

Courses 2 and 3 are usually given in alternate years. For students who have passed in the first course of the Advanced History (Greek and Roman History) in satisfaction of the requirements for admission, they will be counted as half-courses only.

4. History of Mediaeval Institutions. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 2.30.* Professor HASKINS. (VII)

6. General Church History to the End of the Seventeenth Century. *Tu., Th., Sat., at 11.* Professor EMERTON. (XII)

This course is the same as Church History 1, announced by the Faculty of Divinity.

[5*a*[1]*hf*. The Formation of the Catholic Church. *Half-course (first half-year). Twice a week.* Professor EMERTON.]

Omitted in 1902–03.

This course is the same as Church History 2*a*, announced by the Faculty of Divinity.

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[5*b* ²*hf*. The Roman Papacy in the Middle Ages. *Half-course* (*second half-year*). *Twice a week*. Professor EMERTON.]

Omitted in 1902–03.

This course is the same as Church History 2*b*, announced by the Faculty of Divinity.

[7. The Era of the Reformation in Europe from the rise of Italian Humanism to the close of the Council of Trent (1350–1563). *Twice a week*. Professor EMERTON.]

Omitted in 1902–03.

This course is the same as Church History 3, announced by the Faculty of Divinity.

8. History of France to the reign of Francis I. *Mon., Wed., and* (*at the pleasure of the instructor*) *Fri., at 11*. Professor GROSS. (IV)

9. Constitutional History of England to the Sixteenth Century. *Mon., Wed., Fri., at 10*. Professor GROSS. (III)

11. History of England during the Tudor and Stuart Periods. *Mon., Wed., Fri., at 12*. Mr. MERRIMAN. (V)

To be omitted in 1903–04.

Courses 11 and 23 are usually given in alternate years.

12*a* ¹*hf*. English History from the Revolution of 1688 to the Reform of Parliament. *Half-course* (*first half-year*). *Mon., Wed., and* (*at the pleasure of the instructor*) *Fri., at 10, with additional hours in the Library*. Professor MACVANE and Mr. SHEARER. (III)

12*b* ²*hf*. English History since the Reform of Parliament. *Half-course* (*second half-year*). *Mon., Wed., and* (*at the pleasure of the instructor*) *Fri., at 10, with additional hours in the Library*. Professor MACVANE and Mr. SHEARER. (III)

Students who wish to elect this course must do so at the beginning of the year.

Courses 12*a* and 12*b* are open to those only who have taken either Government 1, or History 9, or History 11.

16*a* ¹*hf*. History of Continental Europe from the peace of Utrecht to the fall of Napoleon I. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 9*. Professor MACVANE and Mr. H. H. MORSE. (II)

16*b* ²*hf*. History of Continental Europe since the fall of Napoleon I. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 9*. Professor MACVANE and Mr. H. H. MORSE. (II)

Students who wish to elect this course must do so at the beginning of the year.

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29 ½*hf.* Spanish History to the Death of Philip II. *Half-course (second half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 10.* Mr. MERRIMAN. (XI)

15. History of North-Eastern Europe (Denmark, Sweden, Poland, Russia) from 1453 to 1795. *Mon., Wed., Fri., at 2.30.* Asst. Professor COOLIDGE. (VII)

Courses 15 and 19 are usually given in alternate years.

[19. The Eastern Question. *Mon., Wed., Fri., at 2.30.* Asst. Professor COOLIDGE.] (VII)

Omitted in 1902–03.

Open to those only who have passed satisfactorily in Course 16.

Courses 19 and 15 are usually given in alternate years.

10. American History to 1783. *Mon., Wed., Fri., at 11.* Professor CHANNING, assisted by Mr. KIMBALL. (IV)

See note under Course 13.

13. Constitutional and Political History of the United States (1783–1865). *Tu., Th., Sat., at 12.* Professor CHANNING, assisted by Messrs. CUSHING and DORMAN. (XIII)

For students who have passed in the second course of the Advanced History (English and American History) in satisfaction of the requirements for admission, the first course in American History taken in College will count as a half-course only.

[*14. History of American Diplomacy. — Treaties; application of International Law; foreign policy. *Tu., Th., Sat., at 10.* Professor HART.] (XI)

Omitted in 1902–03; to be given in 1903–04.

Open to those only who have taken a narrative course in American History and a course in International Law.

History 14 and Government 12 are usually given in alternate years.

Primarily for Graduates.

‡17 *hf.* Introduction to Greek Constitutional History. *Half-course. Wed., at 1.30.* Professor J. H. WRIGHT. (VI)

To be omitted in 1903–04.

21. Introduction to the Sources of Mediaeval History. *Once a week for two hours.* Professor HASKINS.

[22. The Sources and Literature of English Constitutional History. *Tu., at 2.30.* Professor GROSS.] (XV)

Omitted in 1902–03.

Course 22 may be taken as a half-course. At the convenience of instructor and students it may be given in either half-year.

Course 22 and Government 9 will usually be given in alternate years.

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25. General History of Russia (advanced course). *Once a week.* Asst. Professor COOLIDGE.

26. History of Christian Thought, considered in its relation to the prevailing philosophy of each period, from the earliest times to the Eighteenth Century. *Tu., Th., at 9.* Professor EMERTON. (X)
This course is the same as Church History 5, announced by the Faculty of Divinity.

[23. Selected Topics in the historical development of American Institutions. *Mon., Wed., Fri., at 12.* Professor CHANNING.] (V)
Omitted in 1902–03.

COURSES OF RESEARCH.

20*a*. Church and State. Professor EMERTON.

20*b*. English Institutions in the Middle Ages. Professor GROSS.

20*d*. Recent History of Europe. Asst. Professor COOLIDGE

20*e*. American History and Institutions. *Mon., at 3.30.* Professor CHANNING.

20*f*. English Institutions in the Tudor and Stuart Periods. Professor CHANNING.

20*i*. Greek Constitutional History. Professor J. H. WRIGHT.

NOTE. — For other historical courses see Semitic 6, 12, 13, 14, 15, 16; Greek 10; Latin 10; Classical Philology 24, 26, 39, 46; the courses in Government; Economics 6, 10, 11, 17; History of Religions; Fine Arts 3, 4.

GOVERNMENT.

The history of government in the leading countries is treated in the courses in History. A considerable knowledge of history is required as a preparation for the work of the following courses, except in the case of Course 1.

Primarily for Undergraduates.

1. Constitutional Government (elementary course). *Tu., Th., Sat., at 9.* Professor LOWELL, assisted by Messrs. GEORGE, L. K. CLARK, G. H. ROBERTS, and T. H. REED. (X)
Course 1 is recommended for students who expect to take History 12, 13, or 16; and it is not open to students who have taken any one of those courses. It may be taken as a half-course for the first half-year.
For Juniors and Seniors Course 1 will be counted as a half-course only. It may be counted as a half-course for Final Honors and Honorable Mention.

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For Undergraduates and Graduates.

*4. Elements of International Law. *Mon., Wed., Fri., at 1.30.* Mr. A. L. RICHARDS. (VI)

Students intending to take this course are advised to take History 13 and either History 12*a* and 12*b* or 16*a* and 16*b* by way of preparation for it.

[5. The Roman Law: its History, Principles, and Influence on European Institutions. *Twice a week.* Professor HASKINS.]

Omitted in 1902–03; to be given in 1903–04.

[*7 ¹*hf.* Leading Principles of Constitutional Law. — Selected cases, American and English. *Half-course (first half-year).* Professor MACVANE.]

Omitted in 1902–03.

16*a* ¹*hf.* Administration of the Government of the United States. *Half-course (first half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 9.* Mr. C. S HAMLIN, and Messrs. F. M. ROBERTS, DORETY, T. P. HILL, and HEILBORN. (X)

16*b* ²*hf.* Tendencies of American Legislation. *Half-course (second half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 9.* Mr. F. J. STIMSON and Messrs. F. M. ROBERTS, DORETY, T. P. HILL, and HEILBORN. (X)

8*hf.* Selected Topics from the Canon Law, with especial reference to the development of the Church Constitution. *Half-course. Once a fortnight.* Professor EMERTON.

This course is the same as Church History 6, announced by the Faculty of Divinity.

9*hf.* Origin and Development of Municipal Government in the Middle Ages. *Half-course. Once a week.* Professor GROSS.

Course 9 and History 22 will usually be given in alternate years.

Primarily for Graduates.

10. Modern English Government. — Studies in the existing political systems and in the influence of political parties. *Tu., Th., at 11, and a third hour at the pleasure of the instructor.* Professor LOWELL. (XII)

To be omitted in 1903–04.

[12. The American Political System, national, state, and municipal. *Tu., Th., Sat., at 10.* Professor HART.] (XI)

Omitted in 1902–03.

Government 12 and History 14 are usually given in alternate years.

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[18 ½*hf.* Administrative Law in the United States. *Half-course (first half-year). Twice a week.* Mr. WYMAN.]
Omitted in 1902–03.
This course is also announced by the Faculty of Law.

14. Constitutional Law in the United States. *Mon., Tu., at 10.* Professor GRAY. (III and XI)
This course is also announced by the Faculty of Law.

[15. International Law as administered by the Courts. *Mon., Wed., at 11.* Professor STROBEL.] (IV)
Omitted in 1902–03.

COURSES OF RESEARCH.

‡20*a*. Municipal Government. Professor MACVANE.

ECONOMICS.

Primarily for Undergraduates.

1. Outlines of Economics. *Tu., Th., Sat., at 11.* Drs. ANDREW, SPRAGUE and MIXTER, and Messrs. BEARDSLEY, CUSTIS, and MONTAGUE. (XII)

For Undergraduates and Graduates.

The Courses for Undergraduates and Graduates are open to students who have passed satisfactorily in Course 1. Courses 6, 9 and 17 are also open to Juniors and Seniors of good standing who take Course 1 at the same time; and Courses 10 and 11 are open to students who have passed satisfactorily either in Economics 1 or in History 1.

2. Economic Theory. *Mon., Wed., Fri., at 2.30.* Professor CARVER. (VII)

3. Principles of Sociology. — Theories of Social Progress. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 1.30.* Professors CARVER and RIPLEY. (VI)

*14. Methods of Social Reform. — Socialism, Communism, the Single Tax, etc. *Tu., Th., at 1.30.* Professor CARVER. (XIV)

10 ½*hf.* The Mediaeval Economic History of Europe. *Half-course (first half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 9.* Dr. GAY. (X)

11 ½*hf.* The Modern Economic History of Europe (from 1500). *Half-course (second half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 9.* Dr. GAY. (X)

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17. The Economic Organization and Resources of European countries. *Tu., Th., and (at the pleasure of the instructor) Sat., at 12.* Professor RIPLEY and Mr. MEYER. (XIII)

6. The Economic History of the United States. *Tu., Th., at 2.30.* Dr. SPRAGUE. (XV)

9. Problems of Labor and Industrial Organization. *Tu., Th., Sat., at 10.* Professor RIPLEY. (XI)

4 *hf.* Statistics. — Theory, method, and practice. *Half-course. Fri., at 11.* Professor RIPLEY. (IV)

5 ^{1}*hf.* Railways and other Public Works under Public and Corporate Management. *Half-course (first half-year). Tu., Th., Sat., at 1.30.* Mr. MEYER. (XIV)

8*a* ^{1}*hf.* Money. — A general survey of currency legislation, experience, and theory in recent times. *Half-course (first half-year). Mon., Wed., Fri., at 10.* Dr. ANDREW. (III)

8*b* ^{2}*hf.* Banking and the History of the leading Banking Systems. *Half-course (second half-year). Mon., Wed., Fri., at 10.* Dr. SPRAGUE. (III)

*12*a* ^{1}*hf.* International Trade and International Payments. *Half-course (first half-year). Mon., Wed., Fri., at 9.* Dr. SPRAGUE. (II)

12*b* ^{2}*hf.* History and Theory of Commercial Crises. *Half-course (second half-year). Mon., Wed., and (at the pleasure of the instructor) Fri., at 9.* Dr. ANDREW. (II)

7*a* ^{1}*hf.* Financial Administration and Public Debts. *Half-course (first half-year). Mon., Wed., Fri., at 3.30.* Dr. DURAND. (VIII)

7*b* ^{1}*hf.* The Theory and Methods of Taxation, with special reference to local taxation in the United States. *Half-course (first half-year). Mon., Wed., Fri., at 12.* Dr. DURAND. (V)

16 ^{2}*hf.* The Financial History of the United States. *Half-course (second half-year). Mon., Fri., and (at the pleasure of the instructor) Wed., at 2.30.* Professor GARDNER (Brown University). (VII)

*18 ^{1}*hf.* The Principles of Accounting. *Half-course (first half-year). Mon., Wed., and (at the pleasure of the instructor) Fri., at 3.30.* Mr. W. M. COLE. (VIII)

Course 18 is open to Seniors and Graduates.

*21. Principles of Law in their application to Industrial Problems. *Mon., Wed., and (at the pleasure of the instructor) Fri., at 11.* Mr. WYMAN. (IV)

Course 21 is open to Seniors and Graduates.

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Primarily for Graduates.

19 ½*hf*. A General View of Insurance. *Half-course* (*second half-year*). *Mon., Wed., and* (*at the pleasure of the instructor*) *Fri., at 3.30.* Professor WAMBAUGH. (VIII)

To be omitted in 1903–04.

Course 19 cannot be counted towards the degree of A.B. or of S.B.

[15. The History and Literature of Economics to the opening of the Nineteenth Century. *Mon., Wed., and* (*at the pleasure of the instructor*) *Fri., at 12.* Dr. MIXTER.] (V)

Omitted in 1902–03.

‡13 ½*hf*. Methods of Economic Investigation. *Half-course* (*first half-year*). *Tu., Th., at 2.30.* Professor CARVER. (XV)

22 ½*hf*. Outlines of the Development of Economic Thought in Germany in the Nineteenth Century. *Half-course* (*second half-year*). *Tu., Th., at* —. Dr. GAY.

COURSES OF RESEARCH.

20*a*. The History of English Economic Theory from Adam Smith to John Stuart Mill. *Mon., Wed., and* (*at the pleasure of the instructor*) *Fri., at 12.* Dr. MIXTER. (V)

20*b*. Selected Topics in English Economic History. *Tu., Th., at 3.30.* Mr. GAY. (XVI)

20. THE SEMINARY IN ECONOMICS. *Mon., at 4.30.*

Competent students will be guided in investigation, undertaken independently or in connection with courses primarily for graduates, and the results will be presented for discussion.

HISTORY OF RELIGIONS.

For Undergraduates and Graduates.

[1 *hf*. Introduction to the Study of Religion. *Half-course*. Professor G. F. MOORE.]

Omitted in 1902–03; to be given in 1903–04.

2. History of Religions in Outline. — *First half-year:* The Religions of China and Japan, Egypt, Babylonia and Assyria, and the Western Semites (including Judaism and Mohammedanism). *Second half-year:* The Religions of India, Persia, the Greeks, Romans, Germans, and Celts; Christianity. *Mon., Wed., and* (*at the pleasure of the instructor*) *Fri., at 2.30.* Professor G. F. MOORE. (VII)

Course 2 may be taken during either half-year as a half-course.

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Primarily for Graduates.

For the history of particular religions the following courses are provided by the departments concerned: —

[Indic Philology 8. Religions of India. Professor LANMAN.]
Omitted in 1902–03; to be given in 1903–04.

Classical Philology 29. The Religion and Worship of the Greeks. Asst. Professor CLIFFORD H. MOORE.

Classical Philology 53. Greek Mythology. Asst. Professor GULICK.

Semitic 13. The Hebrew Religion. Professor G. F. MOORE.

History 26. History of Christian Thought, to the Eighteenth Century. Professor EMERTON.

Philosophy 17. History of Christian Thought since Kant. Professor E. C. MOORE.

American Archaeology 3. Primitive Religions. Dr. DIXON.

Attention is also called to Theology 1, Outlines of Christian Theology, Professor FENN, announced by the Faculty of Divinity; and to the following courses in Philosophy: 9 (Metaphysics), 10*a* (Philosophy of History), and 3 (Philosophy of Nature).

PHILOSOPHY.

Primarily for Undergraduates.

1*a*. General Introduction to Philosophy. — *First half-year:* Logic. Professor ROYCE. *Second half-year:* Psychology. Professor MÜNSTERBERG. Jevons's Lessons in Logic; James's Psychology (briefer course). *Mon., Wed., Fri., at 2.30.* Professors ROYCE and MÜNSTERBERG. (VII)

1*b*. Outlines of the History of Philosophy. — *First half-year:* Ancient Philosophy. Asst. Professor SANTAYANA. *Second half-year:* Modern Philosophy. Dr. PERRY. Windelband's History of Ancient Philosophy; Falckenberg's History of Modern Philosophy. *Tu., Th., Sat., at 1.30.* Asst. Professor SANTAYANA and Dr. PERRY. (XIV)

Before pursuing higher courses in Philosophy, students must have passed satisfactorily in one of these elementary courses, or must otherwise satisfy the instructor of their fitness to proceed. Both courses are alike intended to cover preparatory ground. They are, however, independent of each other, and may be taken together in the same year or in either order in different years. They are counted as full courses; but for a Senior either of them will be counted as a half-course only. No portion of either can be counted independently as a half-course.

The instruction in both courses will be by lectures, by text-books, and by assigned private reading. Each student will meet an assistant in conference at frequent intervals.

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For Undergraduates and Graduates.

2 ¹*hf.* Advanced Psychology. — Lectures, prescribed readings, and a thesis. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 12.* Dr. PERRY. (V)

14 ¹*hf.* Experimental Psychology (elementary laboratory course). — Lectures and laboratory work; collateral reading; thesis. *Half-course* (*first half-year*). *Tu., Th., 2.30–5.* Dr. HOLT. (XV)

14*a* ²*hf.* Comparative Psychology. — The Mental Life of Animals. Lectures, demonstrations, and a thesis. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 12.* Dr. YERKES. (V)

[4. Ethics. — The Theory of Morals, considered constructively. Lectures, theses, and prescribed reading. *Mon., Wed., Fri., at 3.30.* Professor PALMER.] (VIII)
Omitted in 1902–03.

5. The Ethics of the Social Questions. — The problems of Poor-Relief, the Family, Temperance, and various phases of the Labor Question, in the light of ethical theory. Lectures, special researches, and prescribed reading. *Tu., Th., Sat., at 10.* Professor PEABODY, assisted by Mr. IRELAND. (XI)

10*a* ¹*hf.* Philosophy of History. — Ideals of Society, Science, and Religion. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 2.30.* Asst. Professor SANTAYANA. (VII)

10 ²*hf.* Aesthetics. — The Philosophy of Art, with a survey of Aesthetic Theories. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 2.30.* Asst. Professor SANTAYANA. (VII)

9 ¹*hf.* Metaphysics. — The fundamental problems of Theoretical Philosophy. Realism and Idealism; Freedom, Teleology, and Theism. Royce's The World and the Individual. Theses. *Half-course* (*first half-year*). *Tu., Th., Sat., at 11.* Professor ROYCE. (XII)

[15. Theory of Knowledge. — The Processes of Conception, Judgment, and Reasoning. The Relations of Thought and Reality. The Elements of Symbolic Logic. Prescribed reading and a thesis. *Tu., Th., Sat., at 1.30.* Professor ROYCE.] (XIV)
Omitted in 1902–03.

8. The Philosophy of Nature, with especial reference to Man's place in Nature. — The Fundamental Conceptions of Science; the relation of Mind and Body; Evolution. Pearson's Grammar of Science; Ward's Naturalism and Agnosticism. Lectures and theses. *Tu., Th., Sat., at 12.* Professor JAMES and Dr. MILLER. (XIII)

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12. Greek Philosophy, with especial reference to Plato. — Lectures, prescribed reading, and theses. *Mon., Wed., Fri., at 10.* Asst. Professor SANTAYANA. (III)

11*a* ^{1}*hf.* Descartes, Spinoza, and Leibnitz. — Lectures, prescribed reading, and a thesis. *Half-course (first half-year). Tu., Th., Sat., at 10.* Dr. PERRY. (XI)

11*b* ^{2}*hf.* The History of English Philosophy from Locke to Hume. — Lectures, prescribed reading, and a thesis. *Half-course (second half-year). Tu., Th., Sat., at 10.* Dr. PERRY. (XI)

7 ^{2}*hf.* History of English Ethics. — Lectures, thesis, and prescribed reading. *Half-course (second half-year). Mon., Wed., Fri., at 3.30.* Professor PALMER. (VIII)

[8. The Kantian Philosophy. — Lectures and theses. *Mon., Wed., Fri., at 10.* Asst. Professor SANTAYANA.] (III)
Omitted in 1902–03.

16. Ethical Ideals of the Nineteenth Century. — Lectures, reports, and prescribed reading. *Mon., Wed., Fri., at 11.* Dr. MILLER. (IV)

17. History of Christian Thought since Kant. *Mon., Wed., Fri., at 12.* Professor E. C. MOORE. (V)
This course is also announced by the Faculty of Divinity.

Primarily for Graduates.

SEMINARY COURSES.

‡20*a*. Psychological Laboratory. — Experimental investigations by advanced students. Professor MÜNSTERBERG, Dr. HOLT, and Dr. YERKES.

20*b*. Psychological Seminary. — *Subject for the year:* The Psychology of Aesthetical, Ethical and Logical Processes. *Wed., 7.30–9.30* P.M. Professor MÜNSTERBERG.

‡20*c*. Metaphysical Seminary. — *Subject for the year:* The Problems of Logic. Studies of various fundamental conceptions of Philosophy and of Science. *Tu., 7.30–9.30* P.M. Professor ROYCE and Dr. R. C. CABOT.

‡20*d* ^{2}*hf.* Ethical Seminary. — *Subject for the half-year:* Systematization of Ethics. Ladd's Philosophy of Conduct. *Half-course (second half-year). Fri., 10–12.* Professor PALMER.

20*e*. Sociological Seminary. — *Subject for the year:* The Ethics of Jesus Christ. *Tu., 7.15–9.15* P.M. Professor PEABODY.

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20*f*. Seminary in the History of Ancient Philosophy. — *Subject for the year:* Studies in Aristotle's Metaphysics. *Twice a week.* Asst. Professor SANTAYANA.

‡20*g*. Seminary in the History of Modern Philosophy. *Subject for the year:* Modern Pantheism, with especial reference to Spinoza and his Influence. *Mon., 7.30–9.30* P.M. Dr. MILLER.

Attention is called to Semitic 13, Indic Philology 2 and 3, Greek 8, Latin 8, Classical Philology 27, 39, 57, English 11, History 26, Economics 3, Mathematics 21*a*, Chemistry 8, Zoölogy 13 and 16, and American Archaeology 1 and 3.

EDUCATION.

For Undergraduates and Graduates.

1. The History of Educational Theories and Practices. — Lectures, required reading, and reports. *Tu., Th., at 9.* Mr. A. O. NORTON. (X)

2*a* ¹*hf*. Introduction to the Study of Education. — Discussion of Educational Principles. Lectures, required reading, and reports. *Half-course (first half-year). Tu., Th., at 10.* Professor HANUS. (XI)

*2*b* ²*hf*. The Development of Schools and School Systems in America, more particularly in Massachusetts. — Contemporary Tendencies and Problems. Lectures, prescribed reading, theses. *Half-course (second half-year). Tu., Th., Sat., at 10.* Professor HANUS. (XI)

*5 ¹*hf*. The Education of the Individual. — Historical and critical study of modern views. Lectures, prescribed reading, theses. *Half-course (first half-year). Mon., Wed., Fri., at 10.* Mr. A. O. NORTON. (III)

This course should be preceded by Philosophy 1*a* or Philosophy 1*b*. It may be taken in connection with or after any of the courses in Education.

Primarily for Graduates.

‡3. Organization and Management of Public Schools and Academies. — Supervision, Courses of Study, and Teaching. Lectures, discussions, and reports. I (advanced section), *Mon., Wed., at 11, and a third hour at the pleasure of the instructor;* II (inexperienced Graduates and Seniors), *Tu., Th., at 12, and a third hour at the pleasure of the instructor.* Professor HANUS, assisted by Mr. A. O. NORTON. (IV or XIII)

The opportunity to learn how to teach, under the direction of the instructors, is offered to a limited number of students in Section II. This opportunity is open to those students only who have a high record in scholarship.

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[4 ^{2}hf. The School Systems of England, France, and Germany. — Lectures, required reading, and reports. *Half-course (second half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 10.* Professor HANUS.] (XI)
Omitted in 1902–03.

‡*10a ^{2}hf. The Methods and Equipment of a teacher of Classics in secondary schools. — Lectures, discussions, required reading, and illustrations of class work. *Half-course (second half-year). Mon., Wed., Fri., at 3.30.* Associate Professor C. P. PARKER. (VIII)

[*10b ^{2}hf. The Methods and Equipment of a teacher of German in secondary schools. — Lectures, discussions, required reading, and illustrations of class work. *Half-course (second half-year). Mon., Wed., Fri., at 2.30.* Dr. BIERWIRTH.] (VII)
Omitted in 1902–03.

*10c ^{1}hf. The Methods and Equipment of a teacher of French in secondary schools. — Lectures, discussions, required reading, and illustrations of class work. *Half-course (first half-year). Mon., Wed., Fri., at 3.30.* Mr. SNOW. (VIII)

SEMINARY COURSE.

‡20a. Seminary. — *Subject for the year:* Contemporary Problems in Education. Lectures, essays, reports, and discussions. *Wed., 4.30 to 6.30.* Professor HANUS.

THE FINE ARTS.

Primarily for Undergraduates.

1. Principles of Delineation, Color, and Chiaroscuro, with some consideration of historic forms of Art, and the conditions which have influenced them. — Lectures (*once a week*), with collateral reading. Practice in drawing and in the use of water-colors. Perspective. *Mon., Wed., Fri., at 2.30.* Professor CHARLES H. MOORE, assisted by Mr. MOWER. (VII)

2. Principles of Design in Architecture, Sculpture, and Painting as exemplified in the Arts of past ages. — Lectures (*twice a week*), with collateral reading. Practice in drawing. *Mon., Wed., Fri., at 3.30.* Professor CHARLES H. MOORE. (VIII)
As a preparation for Course 2 it is desirable to have passed satisfactorily in Course 1. See, further, note under Course 4.

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For Undergraduates and Graduates.

4. The Fine Arts of the Middle Ages and the Renaissance. *Mon., Wed., Fri., at 9.* Professor CHARLES H. MOORE and an assistant. (II)
Courses 2 and 4 cannot both be counted towards a degree by the same student.

5*a* ²*hf*. Greek Sculpture. Lectures, required reading, discussion of ancient originals and casts in the Fogg Museum and the Boston Museum of Fine Arts. *Half-course (second half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 9.* Dr. VON MACH. (X)

6*a* ²*hf*. The Sculpture of the Renaissance in Italy. Lectures, required reading, discussion of casts in the Fogg Museum and the Boston Museum of Fine Arts. *Half-course (second half-year). Mon., Wed., and (at the pleasure of the instructor) Fri., at 9.* Dr. VON MACH. (II)

Primarily for Graduates.

‡20*b*. History and Principles of Engraving. — Investigation of technical developments, and of states and processes. Prescribed reading; examination of prints; weekly conferences; theses. Professor CHARLES H. MOORE.

‡*20*c* ¹*hf*. Classical Archaeology (advanced course). — The topography and the monuments of ancient Athens. Lectures, required reading, and reports. *Half-course (first half-year). Mon., Wed., Fri., at 10.* Dr. CHASE. (III)

Attention is called to German 9*b* (German Literature and Art in the Fifteenth Century).

ARCHITECTURE.

Of the courses in Architecture, only Courses 1*a*, 1*b*, 1*c*, *and* 7 *may be counted towards the degree of A.B.*

For Undergraduates and Graduates.

1*a*. Technical and Historical Development of the Ancient Styles with especial reference to Classic Architecture. — Lectures and practice in drawing. *Mon., Wed., Fri., at 12.* Professor H. L. WARREN, assisted by Messrs. SWAN and LORCH. (V)
Course 1*a* is open to students of Harvard College who satisfy the instructor of their fitness to pursue it. See note under 1*c*.

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1*b*. Technical and Historical Development of the Mediaeval Styles of Architecture. — Lectures and practice in drawing. *Mon.*, *Wed.*, *Fri.*, *at 10.* Professor H. L. WARREN, assisted by Mr. LORCH. (III)

[1*c*. Technical and Historical Development of Renaissance and Modern Architecture. — Lectures and practice in drawing. *Mon.*, *Wed.*, *Fri.*, *at 10.* Professor H. L. WARREN.] (III)

Omitted in 1902–03.

Courses 1*b* and 1*c* are given in alternate years. Except by special permission they are open to those students only who have passed in Course 1*a*.

Ability to read French and German will be of advantage to those who take Courses 1*a*, 1*b*, or 1*c*.

2*a*. Elementary Architectural Drawing. — The Orders. *Tu.*, *Th.*, *2.30–4.30, and at least ten other hours.* (The drawing room is open to students during all working hours.) Professor H. L. WARREN, and Messrs. NEWTON and SWAN, assisted by Mr. LORCH. (XV)

Except by special permission this course is open to those students only who take Course 1*a* in the same year.

A special section of this course is arranged to meet the needs of students of Landscape Architecture.

3*a*. Freehand Drawing. Two sections: I, *Mon.*, *Wed.*, *Fri.*, *at 9, and three other hours;* II, *Tu.*, *Th.*, *Sat.*, *at 9, and three other hours.* Professor H. L. WARREN, assisted by Mr. SWAN. (II or X)

This is a course for practice in drawing, especially arranged for students of Architecture and of Landscape Architecture in continuation of Fine Arts 1.

3*b*. Freehand Drawing (second course). Two sections: I, *Mon.*, *Wed.*, *Fri.*, *at 9, and three other hours;* II, *Tu.*, *Th.*, *Sat.*, *at 9, and three other hours.* Professor H. L. WARREN, assisted by Mr. SWAN. (II or X)

3*c*. Freehand Drawing (third course). Two sections: I, *Mon.*, *Wed.*, *at 9, and four other hours;* II, *Tu.*, *Th.*, *at 9, and four other hours.* Professor H. L. WARREN and Mr. NEWTON. (II or X)

4*a*. Elementary Architectural Design. — Practice and criticism. *Mon.*, *2–4.30, and at least twelve other hours a week.* Professor H. L. WARREN and Mr. NEWTON, assisted by Mr. SWAN. (VII)

This course is open to those students only who have passed satisfactorily in Courses 1*a* and 2*a*.

4*b*. Architectural Design (second course). *Tu.*, *2–4.30, and at least sixteen other hours a week.* Professor H. L. WARREN and Mr. NEWTON. (XV)

This course is open to students who have passed satisfactorily in Course 4*a*.

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4c. Architectural Design (third course). Professor H. L. WARREN and Mr. NEWTON. (XV)

This course is open to students who have passed satisfactorily in Course *4b*.

In the courses in design students are expected to give all the time they can to the work. The drawing room is constantly open and an instructor is usually present.

5 ½hf. Building Construction: Carpentry. — Lectures and drawing. *Half-course (second half-year). Mon., at 3.30, and two other hours.* Messrs. NEWTON and SWAN. (VIII)

6hf. Modelling. — Practice in modelling architectural ornament in clay. *Half-course. Th., 1.30–4.30.* Mr. GARBUTT. (XVI)

**7.* Theory of Design. — Pure Design (Balance, Rhythm, Harmony) and Design in Representation. Lectures with experimental practice and study of examples. *Mon., Wed., Fri., 1.30–3.30.* Dr. ROSS, assisted by Mr. H. H. CLARK. (VI)

Primarily for Graduates.

4d. Architectural Design (advanced course). Professor H. L. WARREN and Mr. NEWTON.

This is an advanced course in architectural composition intended for graduate students of Architecture or others who satisfy the instructors of their fitness to pursue it.

COURSE OF RESEARCH.

20. Competent graduate students and others who satisfy the instructor of their fitness to pursue such work will be directed in the study of special periods in the history of architecture. Weekly reports and four theses, illustrated by tracings and drawings. Professor H. L. WARREN.

OPTIONAL COURSE.

A Course in Drawing from the Life. *Thursday evenings, 7.30 to 9.30.* Mr. H. D. MURPHY.

This course cannot be counted for any degree. As the number of students in this course is necessarily limited, application for admission must be made to the Chairman of the Department of Architecture.

COURSES IN LANDSCAPE ARCHITECTURE.

1. History and Principles of Landscape Design. *Mon., Wed., Fri., at 9.* Messrs. OLMSTED and SHURTLEFF, assisted by Mr. PRAY, with occasional lectures by Professors GOODALE and SHALER. (II)

Course 1 is open to students of Harvard College who satisfy the instructor of their fitness to pursue it, and may be counted towards the degree of A.B.

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2. Practice in Landscape Design (first course). *Mon., Wed., Fri., 1.30–4.30, and additional hours.* Messrs. OLMSTED and SHURTLEFF, assisted by Mr. PRAY. (VI)
Except by special permission, this course is open only to students who have taken the first two years of the programme in Landscape Architecture in the Scientific School, or their equivalent.

3. Practice in Landscape Design (second course). *Mon., Wed., Fri., 1.30–4.30, and additional hours.* Messrs. OLMSTED and SHURTLEFF, assisted by Mr. PRAY. (VI)
This course is open to those students only who have passed satisfactorily in Course 2.
Courses 2 and 3 cannot be counted towards the degree of A.B.

MUSIC.

For Undergraduates and Graduates.

1. Harmony. *Tu., Th., 1.30–3.* Asst. Professor SPALDING. (XV)
Some proficiency in pianoforte or organ playing is required of students who take Course 1.

2. Counterpoint. *Mon., Wed., Fri., at 9.* Asst. Professor SPALDING. (II)
Course 2 requires knowledge of Harmony.

2*a hf.* Vocal Counterpoint, with analysis of choral works of the great composers. *Half-course. Wed. and (during the first half-year) Fri., at 11.* Asst. Professor SPALDING. (IV)
Course 2*a* is supplementary to Course 2.

3. History of Music. — Lectures, reading, and reports. *Mon., Wed., Fri., at 12.* Professor PAINE. (V)
Course 3 requires some proficiency in vocal or instrumental music.

4 *hf.* Musical Form, with analysis of the works of the great composers. *Half-course. Tu. and (during the first half-year) Th., at 12.* Asst. Professor SPALDING. (XIII)
Course 4 requires knowledge of Harmony.

Primarily for Graduates.

‡5. Canon and Fugue. — Free Thematic Music. *Mon., Fri., at 2.30.* Professor PAINE. (VII)
Course 5 requires knowledge of Harmony and Counterpoint and proficiency in pianoforte playing.

6. Advanced Canon and Fugue and Free Composition. *Tu., Th., at 2.30.* Professor PAINE. (XV)
Course 6 requires knowledge of Harmony and Counterpoint and proficiency in pianoforte playing.

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7. Instrumentation. *Mon., at 3.30, Wed., at 2.30.* Professor PAINE. (VII and VIII)

Course 7 requires knowledge of Harmony and Counterpoint.

In this course orchestral musicians will be employed in the class-room to exhibit the characteristics of all the instruments of the orchestra.

MATHEMATICS.

Primarily for Undergraduates.

F. Trigonometry and Plane Analytic Geometry. I, *Mon., Wed., Fri., at 10.* Dr. BOUTON. II, *Tu., Th., Sat., at 9.* Mr. WHITTEMORE. III, *Tu., Th., Sat., at 11.* Mr. WHITTEMORE. (III, X, or XII)

A ½*hf.* Logarithms. — Plane and Spherical Trigonometry. *Half-course (first half-year). Mon., Wed., Fri., at 2.30.* Dr. E. V. HUNTINGTON. (VII)

B ½*hf.* Plane Analytic Geometry (elementary course). *Half-course (second half-year). Mon., Wed., Fri., at 2.30.* Asst. Professor BÔCHER. (VII)

C. Plane and Solid Analytic Geometry (extended course). *Tu., Th., Sat., at 11.* Professor BYERLY. (XII)

In Course *F* less time is devoted to Trigonometry than in Course *A*, and more time to Analytic Geometry than in Course *B*. Course *F* is better adapted to the needs of students who are going on with Mathematics than Courses *A* and *B*.

Courses *B* and *C* require a previous knowledge of Plane Trigonometry; but Courses *A* and *B* are commonly taken in the same year.

Course *C* may be taken by a beginner in Analytic Geometry as a full course for the year, or as a half-course for the first half-year. It may be taken by a student who has passed in Analytic Geometry for admission or in Course *B*; but will be counted for such a student as a half-course only. A student who has taken Course *A* without Course *B* in his Freshman year may take Course *C* as a full course in a later year; but he cannot take any of the higher courses until he has taken Course *B*, Course *C*, or Course *F*.

D ½*hf.* Algebra. *Half-course (second half-year). Tu., Th., Sat., at 1.30.* Dr. E. V. HUNTINGTON. (XIV)

This course is intended for students who are distinctly good in Elementary Algebra and who wish to make rapid progress in their mathematical studies. It is not open to students conditioned in Elementary Algebra, unless they have had no opportunity of removing the condition.

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E 1*hf*. Solid Geometry. *Half-course* (*first half-year*). *Tu., Th., Sat., at 1.30.* Dr. BOUTON and Mr. RANSOM. (XIV)

This course is not open to students conditioned in Plane Geometry, unless they have had no opportunity of removing the condition.

G 2*hf*. Descriptive Geometry. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 1.30.* Dr. BOUTON. (VI)

A good knowledge of Solid Geometry is required of students taking this course. Students must provide themselves with the simpler drawing instruments, and will be expected to make accurate constructions of problems discussed in the course.

2. Differential and Integral Calculus (first course). *Mon., Wed., Fri., at 11.* Professor BYERLY. (IV)

Course 2 is open to those only who have taken Course *B*, Course *C*, or Course *F*, or have otherwise satisfied the instructor of their knowledge of Trigonometry and Analytic Geometry.

Candidates for Second-Year Honors may take Courses 2 and 3, or Courses 2 and 5, or Courses 2, 4, and 1. Other courses may be accepted on special petition.

4. The Elements of Mechanics. *Mon., Wed., Fri., at 10.* Mr. WHITTEMORE. (III)

Course 4 is intended for students who take or have taken Course 2.

For Undergraduates and Graduates.

3. Introduction to Modern Geometry and Modern Algebra. *Tu., Th., Sat., at 11.* Asst. Professor BÔCHER. (XII)

Course 3 is intended for students who have taken Course *C* or Course *F*.

5. Differential and Integral Calculus (second course). *Mon., Wed., Fri., at 11.* Asst. Professor OSGOOD. (IV)

[6. The Calculus of Quaternions (first course). — Elementary principles and applications. *Mon., Wed., Fri., at 12.* Professor J. M. PEIRCE.] (V)

Omitted in 1902–03.

Courses 6 and 9 are usually given in alternate years. Course 6 is open to students who have taken Course 2 or its equivalent. Either half of Course 6 may be taken as a half-course.

8 1*hf*. Dynamics of a Rigid Body. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 10.* Professor BYERLY. (III)

Course 8 is intended for students who have taken Course 4.

12 1*hf*. Infinite Series and Products. *Half-course* (*first half-year*). *Tu., Th., Sat., at 10.* Asst. Professor BÔCHER. (XI)

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[14*a* ²*hf*. Algebra. — The Properties of Polynomials; Invariants. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 2.30.* Asst. Professor BÔCHER.] (VII)
Omitted in 1902–03.

14*b* ²*hf*. Algebra. — Galois's Theory of Equations. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 12.* Asst. Professor OSGOOD. (V)
Courses 14*a* and 14*b* are usually given in alternate years.

[24 ¹*hf*. The Theory of Numbers. *Half-course* (*first half-year*). *Tu., Th., Sat., at 9.* Dr. BOUTON.] (X)
Omitted in 1902–03.

[18 ²*hf*. Elementary Theory of Differential Equations. *Half-course* (*second half-year*). *Tu., Th., Sat., at 9.* Dr. BOUTON.] (X)
Omitted in 1902–03.

Primarily for Graduates.

‡13. The Theory of Functions (introductory course). *Tu., Th., Sat., at 11.* Asst. Professor OSGOOD. (XII)

‡7*a*. The Theory of Triangular Coördinates and Algebraic Plane Curves, with special study of the properties of Cubics. *Mon., Wed., Fri., at 11.* Professor J. M. PEIRCE. (IV)
A thorough knowledge of the usual analytic treatment of the Conic Sections, of the elements of the Differential Calculus, of the primary principles of Determinants, and of the elementary Theory of Equations, is requisite for Course 7*a*. Course 3 may advantageously be taken before Course 7*a*, but is not requisite for it.
Course 7*a* may be taken for the first half-year as a half-course.

[7*b*. The Theory of Tetrahedral Coördinates, with its applications to the study of Points, Lines, Planes, and Quadric Surfaces. *Mon., Wed., Fri., at 11.* Professor J. M. PEIRCE.] (IV)
Omitted in 1902–03.
Course 7*b* is open to students who have not taken Course 7*a*, if they satisfy the instructor that they have sufficient knowledge of the theory and use of Triangular Coördinates and of the subjects required for Course 7*a*.
Course 7*b* may be taken for the first half-year as a half-course.
Courses 7*a* and 7*b* are usually given in alternate years.

[28. The Geometry of Position. *Mon., Wed., Fri., at 9.* Mr. J. L. COOLIDGE.] (II)
Omitted in 1902–03.

[29. Non-Euclidean Geometry. *Mon., Wed., Fri., at 9.* Mr. J. L. COOLIDGE.] (II)
Omitted in 1902–03.
Courses 28 and 29 are open to students who have taken Course 3, 7*a*, or 7*b*, or otherwise satisfy the instructor as to their familiarity with modern geometrical methods.

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‡22 ½*hf*. Introduction to the Differential Geometry of Curves and Surfaces. *Half-course* (*first half-year*). *Three times a week.* Mr. WHITTEMORE.

‡9. The Calculus of Quaternions (second course); including the study by Quaternions of the Dynamics of Particles and Rigid Bodies. *Mon., Wed., Fri., at 12.* Professor J. M. PEIRCE. (V)

Course 9 is open to students who have not taken Course 6, if they otherwise qualify themselves by a moderate course of preparatory reading.

Courses 6 and 9 are usually given in alternate years.

‡10. Trigonometric Series. Introduction to Spherical Harmonics. The Potential Function. *Tu., Th., Sat., at 12.* Professor BYERLY. (XIII)

‡11. Hydrostatics. Hydrokinematics. Force Functions and Velocity-Potential Functions and their uses. Hydrokinetics. *Tu., Th., Sat., at 9.* Mr. WHITTEMORE. (X)

[27 *hf*. The Elements of the Mathematical Theory of Elasticity. *Half-course. Once a week.* Professor B. O. PEIRCE.]

Omitted in 1902–03.

‡15. Differential Equations, with an introduction to Lie's Theory of Continuous Groups. *Mon., Wed., Fri., at 3.30.* Dr. BOUTON. (VIII)

[16. The Calculus of Variations. Asst. Professor OSGOOD.]

Omitted in 1902–03.

‡17 ½*hf*. The Theory of Functions (advanced course): Riemann's Theory of Functions. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 12.* Asst. Professor OSGOOD. (V)

‡31 ½*hf*. The Theory of Functions (advanced course): Definite Integrals. *Half-course* (*second half-year*). *Tu., Th., Sat., at 10.* Asst. Professor BÔCHER. (XI)

‡30 ½*hf*. Introduction to Partial Differential Equations. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 2.30.* Asst. Professor BÔCHER. (VII)

[25. Geometrical Transformations, with special reference to the work of Sophus Lie. Dr. BOUTON.]

Omitted in 1902–03; probably to be given in 1903–04.

[23 ½*hf*. The Application of Quaternions to the Theory of Curves and Surfaces. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 10.* Professor J. M. PEIRCE.] (III)

Omitted in 1902–03.

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[23*a* ²*hf*. Selected Topics in Quaternions. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 10.* Professor J. M. PEIRCE.] (III)

Omitted in 1902–03.

Courses 23 and 23*a* require only so much previous knowledge of Quaternions as is attainable in Course 6.

‡21 ¹*hf*. The Calculus of Probabilities. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 10.* Professor J. M. PEIRCE. (III)

‡21*a* ²*hf*. The Algebra of Logic. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 10.* Professor J. M. PEIRCE. (III)

COURSES OF READING AND RESEARCH.

The work of the following courses consists of investigation and reading, to be carried on under the guidance of the instructors. Students are expected to present their results from week to week in the form of lectures and theses.

20*a*. Linear Associative Algebra. Professor J. M. PEIRCE.

‡20*e*. Selected Topics in the Theory of Functions. Asst. Professor OSGOOD.

‡20*f*. Selected Topics in the Theory of Differential Equations. Asst. Professor BÔCHER.

‡20*g*. Selected Topics in the Theory of Continuous Groups. Dr. BOUTON.

THE MATHEMATICAL CONFERENCE.

This Conference is held twice a month for the presentation and discussion of work done in the Courses of Reading and Research, of articles in the mathematical journals, and of other suitable matter, and for the meeting of instructors and students. All students pursuing advanced studies in Mathematics are invited to take part in it. The direction of the Conference is in the hands of a committee of graduate and undergraduate students, acting with the advice and assistance of the Division.

Attention is called to the courses in Astronomy, Engineering, and Physics.

COURSES IN ASTRONOMY.

Primarily for Undergraduates.

1 ¹*hf*. Descriptive Astronomy. *Half-course* (*first half-year*). *Tu., Th., Sat., at 11.* Asst. Professor WILLSON and Mr. J. F. COLE. (XII)

For one exercise in each week will be substituted two hours of laboratory work, or evening observations at the pleasure of the instructor.

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2 ²*hf*. Practical Astronomy. — Application of Astronomy to Navigation and Exploration. Time, latitude, and longitude, by sextant; azimuth; lunar distances. *Half-course* (*second half-year*). *Tu.*, *Th.*, *Sat.*, *at 11*. Asst. Professor WILLSON and Mr. J. F. COLE. (XII)

For about one third of the appointed hours will be substituted periods for observation, at times to be agreed upon with the instructor.

This course requires a knowledge of Descriptive Astronomy, and Trigonometry.

For Undergraduates and Graduates.

3. Practical Astronomy. — Portable and fixed instruments. Time and longitude by transit. Latitude by zenith telescope. Meridian circle. Equatorial instrument. Lectures, use of instruments, and computation. *Tu.*, *Th.*, *Sat.*, *at 9*. Asst. Professor WILLSON. (X)

Two hours each week of evening observation will be substituted for one of the stated exercises, during the greater part of the year.

This course requires a knowledge of Descriptive Astronomy, Trigonometry, and the elementary principles of the Differential Calculus.

Opportunities of working at the Observatory may sometimes be obtained by advanced students specially devoting themselves to the study of Astronomy, though the constant employment of the principal instruments greatly limits the use that can be made of them for this purpose. Such students may apply for permission to work at the Observatory to the Director, Professor E. C. PICKERING, with whom the fees for the privileges offered may be agreed upon. In some cases a part or the whole of the fees may be remitted in consideration of services rendered in computation.

Facilities for work are also granted, under suitable conditions, by the Director of the Observatory to astronomers and to other persons who are competent to undertake independent researches.

ENGINEERING.

Primarily for Undergraduates.

Courses 1*a*, 1*b*, 1*d*, 1*c*, 3*d*, 3*e*, 6*d*, 13*a*, *and* 14*a may not be taken, except with the consent of the Chairman of the Division, by students of Harvard College.*

1*a* ¹*hf*. Algebra. *Half-course* (*first half-year*). *Mon.*, *Wed.*, *Fri.*, *at 10 or 11*. Asst. Professor LOVE, Messrs. ASHTON and FRIZELL, and Dr. E. V. HUNTINGTON. (III or IV)

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1*b* [1 or 2]*hf*. Trigonometry. *Half-course.* I (*first half-year*), *Tu., Th., Sat., at 10; or* II (*second half-year*), *Tu., Th., Sat., at 10.* Asst. Professor LOVE, Messrs. ASHTON and FRIZELL, and Dr. E. V. HUNTINGTON. (XI)

1*d* [2]*hf*. Analytic Geometry. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 10 or 11.* Asst. Professor LOVE, Messrs. ASHTON and FRIZELL, and Dr. E. V. HUNTINGTON. (III or IV)

This course is open to students who have passed satisfactorily in Course 1*a* or its equivalent, and who take or have taken Course 1*b*.

1*c*. Differential and Integral Calculus. *Tu., Th., Sat., at 11.* Asst. Professor LOVE, and Messrs. ASHTON and FRIZELL, and Dr. E. V. HUNTINGTON. (XII)

This course is open to students who have passed satisfactorily in Course 1*d* or its equivalent.

1*f* [1]*hf*. Solid Analytic Geometry, Integral Calculus, and Differential Equations. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 12.* Asst. Professor LOVE. (V)

This course is open to students who have passed satisfactorily in Course 1*c* or its equivalent. It is intended as an optional half-course for students in the Scientific School.

3*a*. Mechanical Drawing. — Use of Instruments. Projections and Machine Drawing. Lectures: *Mon., at 1.30.* Draughting: I, *Mon., Fri., 1.30–4.30;* II, *Tu., Th., 1.30–4.30.* Messrs. KENNEDY, A. E. NORTON, MEEM, DURANT, and CARROLL. (VI)

3*b* [1]*hf*. Descriptive Geometry. — Elementary Shades, Shadows, and Perspective. Lectures and draughting. *Half-course* (*first half-year*). *Mon., Wed., Fri., 11–1.* Mr. MOYER. (IV)

This course is open to students who have passed satisfactorily in Course 3*a* or in Architecture 2*a*.

3*d* [2]*hf*. Mechanism. — Study of gearing and mechanical movements. *Half-course* (*second half-year*). Lectures, *Wed., Fri., at 10.* Draughting, *Wed., Fri., 11–1.* Mr. KENNEDY. (III)

This course is open to students who have passed satisfactorily in Course 3*a*.

3*e* [2]*hf*. Stereotomy, Shades, Shadows, and Perspective. Lectures and draughting. *Half-course* (*second half-year*). *Mon., Wed., Fri., 11–1.* Mr. MOYER. (IV)

This course is open to students who have passed satisfactorily in Course 3*b*.

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4*a*. Surveying. — Use of Instruments, Plane and Topographical Surveying, Topographical Drawing, and Levelling. Field practice. *Six weeks, beginning as early as possible in June.* Mr. D. L. TURNER and assistants.

This course is open to students who have studied Plane Trigonometry. See note under Course 4*d*.

4*c*. Geodetic Surveying. — Field work of triangulation. The use of astronomical instruments in Surveying and Navigation. *Two weeks in the summer.* Mr. D. L. TURNER and assistants.

This course is open to students who have passed satisfactorily in Course 4*a*. See note under Course 4*d*.

4*d*. Railroad Engineering. — Survey, location, and construction of railroads. Field practice. *Three weeks in the summer.* Mr. D. L. TURNER and assistants.

This course is open to students who have passed satisfactorily in Course 4*a*.

Courses 4*a*, 4*c*, and 4*d* follow in sequence during the same summer; Course 4*a* may be counted as one course, and Courses 4*c* and 4*d* together may be counted as one half-course, toward the degree of A.B.

*10*a*. Chipping, Filing, and Fitting. — Use of hand tools. Fitting by hand. Study of the metals in practical working. Lectures and laboratory work. *Ninety hours during the summer.* Asst. Professor BURKE and Mr. F. W. TURNER.

See note under Course 10*e*.

*10*b*. Blacksmithing. — Use of tools. Forging, welding, tool-dressing and tempering. Lectures and laboratory work. *Ninety hours during the summer.* Asst. Professor BURKE and Mr. F. W. TURNER.

See note under Course 10*e*.

*10*c*. Pattern Making and Foundry Practice. — Use of wood-working tools. Casting in iron and alloys. Lectures and laboratory work. *Ninety hours during the summer.* Asst. Professor BURKE and Mr. F. W. TURNER.

See note under Course 10*e*.

*10*e*. Machine Shop Practice. — Use of machine tools. Construction of parts of machinery; finishing and assembling parts. Lectures and laboratory work. *Ninety hours during the summer.* Asst. Professor BURKE and Mr. F. W. TURNER.

The courses in shopwork begin about June 16th and are completed in nine weeks. Courses 10*a* and 10*b* are given together during the first half of that period, and Courses 10*c* and 10*e* are given together during the second half.

The four shopwork courses may be counted towards the degree of S.B. in General Science as the equivalent of one and one-half courses. They cannot be counted towards the degree of A.B.

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For Undergraduates and Graduates.

[*4e* ^{2}*hf*. Construction and Maintenance of Common Roads. *Half-course (second half-year). Tu., Th., Sat., at 9.*] (X)

Omitted in 1902–03.

This course cannot be counted towards the degree of A.B.

This course is open to students who have taken a course in Surveying.

5b ^{1}*hf*. Elementary Statics. — Graphic and Algebraic Methods. *Half-course (first half-year). Tu., Th., Sat., 9–11.* Asst. Professor JOHNSON and Mr. MOYER. (X)

This course is open to students who have passed satisfactorily in Course 1*b* or its equivalent.

5d ^{2}*hf*. Resistance of Materials (introductory course). — Elementary Structural Design. *Half-course (second half-year). Tu., Th., Sat., 9–11.* Asst. Professor JOHNSON and Mr. MOYER. (X)

This course is open to students who have passed satisfactorily in Course 5*b*.

5a. Applied Mechanics. *Mon., Wed., Fri., at 11.* Professor HOLLIS and Messrs. H. J. HUGHES and FOX. (IV)

This course is open to students who have passed satisfactorily in Courses 1*c* and 5*b* or their equivalents.

5c ^{1}*hf*. Resistance of Materials (second course). — *Half-course (first half-year). Mon., Fri., at 9, and a third hour at the pleasure of the instructor.* Professor HOLLIS. (II)

This course is open to students who have passed satisfactorily in Course 5*d*.

6a ^{2}*hf*. Hydraulics and Hydraulic Motors. — Flow of water in pipes. Water wheels, turbines, and pressure engines. *Half-course (second half-year). Mon., Wed., Fri., at 9.* Mr. H. J. HUGHES. (II)

This course is open to students who take or have passed satisfactorily Course 5*a* or Mathematics 4.

6c ^{1}*hf*. Water Supply and Sanitary Engineering. *Half-course (first half-year). Mon., Wed., Fri., at 10.* Mr. H. J. HUGHES. (III)

This course is open to students who have passed satisfactorily in Course 6*a*. It cannot be counted towards the degree of A.B.

6d ^{2}*hf*. Canals, Rivers, and Harbors. Irrigation. — Measurements of the flow of water. *Half-course (second half-year).* Lectures, *Tu., Th., Sat., at 10;* laboratory work (*six hours a week*). Mr. H. J. HUGHES. (XI)

This course is open to students who have passed satisfactorily in Course 6*a*.

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7a. Bridges and Buildings. — Design of Framed Structures. Lectures and draughting. *Mon., Wed., Fri., 1.30–4.30.* Asst. Professor JOHNSON. (VI)

This course is open to students who have passed satisfactorily in Course 5*a* or its equivalent. It cannot be counted towards the degree of A.B.

8a ²*hf.* Masonry and Foundations. *Half-course* (*second half-year*). *Tu., Th., Sat., at 11.* Asst. Professor JOHNSON. (XII)

This course cannot be counted towards the degree of A.B.

11a ²*hf.* Steam Machinery (introductory course). *Half-course* (*second half-year*). *Mon., Wed., Fri., at 9, and Wed. afternoon.* Asst. Professor MARKS and Mr. HASKELL. (II)

This course is open to students who have passed satisfactorily in Course 3*a*. Wednesday afternoons must be kept free for visits of inspection.

12b ¹*hf.* Elements of Thermodynamics. — Theory of Heat Engines. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 9.* Asst. Professor MARKS. (II)

This course is open to students who take, or have passed satisfactorily in, Course 13*a*. It cannot be counted towards the degree of A.B.

12a ¹*hf.* Efficiency and Economics of Heat Engines. *Half-course* (*first half-year*). *Tu., Th., Sat., at 11.* Asst. Professor MARKS. (XII)

This course is open to students who have passed satisfactorily in Course 12*b*.

12c ¹*hf.* Heating and Ventilation. *Half-course* (*first half-year*). *Tu., Th., Sat., at 10.* Asst. Professor BURKE. (XI)

This course is open to students who have passed satisfactorily in Course 11*a*.

This course cannot be counted towards the degree of A.B.

13a. Engineering Laboratory. — Introductory course in experimental methods. Lectures, *Tu., Th., at 10;* laboratory work (*three hours a week*). Asst. Professor MARKS, Messrs. MOYER and HASKELL. (XI)

This course is open to students who take, or have passed satisfactorily in, Courses 5*a*, 6*a*, and 11*a*.

13b. Engineering Laboratory (second course). — Lectures (*once a week*); laboratory work (*nine hours a week*). Asst. Professor MARKS and Mr. MOYER.

This course is open to students who have passed satisfactorily in Course 13*a*, and are taking Course 12*a*. It cannot be counted towards the degree of A.B.

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14*a* ½*hf*. Machine Design (introductory course). — Designing the parts of machinery. Methods of proportioning the parts for strength and effect. Lectures and draughting. *Half-course* (*first half-year*). *Tu.*, *Th.*, *Sat.*, *11–1*. Mr. KENNEDY. (XII)

This course is open to students who have passed satisfactorily in Courses 3*d*, 5*d*, and 11*a*.

14*b*. Machine Design (second course). — Completed designs of machinery. *Twelve hours a week* (*Mon.*, *Wed.*, *and Fri.*). Professor HOLLIS.

This course is open to students who have passed satisfactorily in Course 14*a*. It cannot be counted towards the degree of A.B.

15*a*. Marine Engines and Boilers. *Twelve hours a week* (*Mon.*, *Wed.*, *and Fri.*). Professor HOLLIS.

This course is open to students who have passed satisfactorily in Course 14*a*, and have fulfilled all the requirements for the first three years in Mechanical Engineering. It cannot be counted towards the degree of A.B.

16*a*. Generation, Transmission, and Utilization of Electrical Energy (elementary course). Lectures, *Tu.*, *Th.*, *Sat.*, *at 9*; laboratory work (*three hours a week*). Asst. Professor ADAMS and Mr. WHITING. (X)

This course is open to students who have passed satisfactorily in Course 1*c* or its equivalent, and in Physics *C* or Physics 1.

16*c*. Direct Current Dynamo-Electric Machinery. Lectures, *Tu.*, *Th.*, *at 9*; laboratory work (*three hours a week*). Professor KENNELLY. (X)

This course is open to students who have passed satisfactorily in Courses 1*c* and Physics 1 or *C*, or their equivalents.

16*e*. Alternating Currents and Alternating Current Machinery. — Theory and testing. Lectures, *Tu.*, *Th.*, *Sat.*, *at 11*; laboratory work (*eight hours a week*). Asst. Professor ADAMS and Mr. WHITING. (XII)

This course is open to students who have passed satisfactorily in Course 16*a*, 16*c*, Physics 3, or Physics 4.

16*d*. Dynamo Design. *Tu.*, *Th.*, *2–5*. Asst. Professor ADAMS. (XIV)

This course is open to students who take or have taken Course 16*e*. It cannot be counted towards the degree of A.B.

16*f*. Electrical Engineering Laboratory. — Dynamo Testing; Electric Light Photometry; Storage Batteries; Cable Testing. *Mon.*, *at 9*; laboratory work (*six hours a week*). Mr. WHITING. (II)

This course is open to students who have passed satisfactorily in Course 16*a* or 16*c*. It cannot be counted towards the degree of A.B.

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17*a* [1]*hf*. Electric Transmission and Distribution of Power. *Half-course* (*first half-year*). *Twice a week.* Professor KENNELLY.

This course is open to students who take, or have passed satisfactorily in, Course 16*e*.

17*b* [2]*hf*. Telegraphy and Telephony. *Half-course* (*second half-year*). *Twice a week.* Professor KENNELLY.

18*a* [2]*hf*. Metallurgy. — Manufacture and physical properties of the metals used in engineering construction. Practical working of iron and steel. *Half-course* (*second half-year*). *Tu., Th., Sat., at 11.* Asst. Professor BURKE. (XII)

This course is intended primarily for students of Engineering, but it may be taken by others. It cannot be counted towards the degree of A.B.

21. Conference on Engineering subjects. *Two hours a week, usually in the evening.* During the first half-year, all students of Engineering meet together; during the second half-year, students of Civil, Mechanical, and Electrical Engineering meet in separate sections.

Course 21 is part of the required work of fourth-year students of Engineering, and will not be counted for other students towards the degree of S.B. It cannot be counted towards the degree of A.B.

22[2]. Contracts and Specifications. — Fifteen lectures on the principles of Common Law as applied to Contracts. *Second half-year. Sat., at 12.* Asst. Professor WESTENGARD. (XIII)

Course 22 is part of the required work of fourth-year students of Engineering and of Architecture, and will not be counted for other students towards the degree of S.B. It cannot be counted towards the degree of A.B.

Primarily for Graduates.

COURSES OF RESEARCH.

20*a*. Investigations in connection with Alternating Current Machinery. Asst. Professor ADAMS.

20*b*. Heat engines. Asst. Professor MARKS.

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PHYSICS.

Primarily for Undergraduates.

B. Elementary Physics. — Lectures (*Wed., at 12*), laboratory work (*one two-hour exercise a week*), and recitations or conferences (*one hour a week*). Professor HALL, Dr. AYRES, and Mr. SERVISS. (I and V)

In 1902–03 students for whom Course *C* or Course 1 is prescribed may take Course *B* as a half-course.

The laboratory exercises of Course *B* are given in the morning hours.

Course *B* is substantially equivalent to the Elementary Physical Science of the requirements for admission. It is open to students who have not passed in this requirement or taken in College any course in experimental physics. It may be taken with Chemistry 1, although in the same examination group; for examination it is placed in Group I.

C. Experimental Physics. — Mechanics, Sound, Light, Magnetism, and Electricity. Lectures (*Th., at 12*), and laboratory work (*one afternoon each week from 2 to 6*). Asst. Professor SABINE, Dr. H. W. MORSE, and Mr. L. D. HILL. (XIII)

Sections for laboratory work of Course *C* will be arranged for *Mon., Tu., Wed., Th., and Fri., afternoons.*

Course *C* is open to those students only who have presented the Elementary Physical Science of the requirements for admission, or have taken Course *B* or its equivalent.

1. General Descriptive Physics. — Lectures (*Tu., Sat., at 12*), and laboratory work (*one two-hour exercise a week*). Professor HALL and Mr. MCKAY. (XIII)

Course 1 is arranged for students who wish to become acquainted with a wide range of physical phenomena, and with the means for exhibiting and applying such phenomena. It is intended for students who have taken Course *B* or who have passed in the second alternative of the Elementary Physical Science of the requirements for admission, but may be taken by others who satisfy the instructor of their fitness to profit by the course.

This course will not under any circumstances remove an admission condition in Advanced Physics.

2 ½*hf.* The Theory of Light in its application to familiar optical phenomena and to optical instruments. *Half-course* (*first half-year*). *Tu., Th., Sat., at 10.* Asst. Professor SABINE. (XI)

Course 2 is open to students who have taken Physics *C* or Physics 1 or the equivalent, and have a knowledge of trigonometry.

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11 ²*hf*. The Theory of Primary and Secondary Batteries. — Galvanic Cells; Lead, Iron-Nickel, and Thallium Storage Batteries; Electricity Direct from Coal. *Half-course* (*second half-year*). *Tu., Th., Sat., at 10.* Dr. H. W. MORSE. (XI)

Course 11 is open to students who have taken Physics *C* or Physics 1 or the equivalent, and Chemistry 1 or its equivalent.

For Undergraduates and Graduates.

3. Electrostatics, Electrokinematics, and parts of Electromagnetism. — Lectures (*Tu., at 12*), and laboratory work (*six to eight hours a week*). Professor B. O. PEIRCE and Dr. AYRES. (XIII)

Course 3 is adapted for students who take or have taken Mathematics 2 or its equivalent, and should be preceded by Course *C* or Course 1.

12 ¹*hf*. Electric Conduction in Gases with special reference to the Theory of Ions. *Half-course* (*first half-year*). *Tu., Th., Sat., at 11.* Dr. LYMAN. (XII)

Course 12 is open to students who are taking Physics 3 or have had its equivalent.

13 ²*hf*. Electric Conduction in Liquids. *Half-course* (*second half-year*). *Tu., Th., Sat., at 11.* Dr. AYRES. (XII)

Course 13 is open to students who are taking Physics 3 or have had its equivalent.

4. Electrodynamics, Magnetism, and Electromagnetism. — Lectures (*Tu., Th., at 10*), and laboratory work. Professor TROWBRIDGE, Dr. G. W. PIERCE, and Dr. LYMAN. (XI)

Course 4 is intended for students who have taken Mathematics 2 or its equivalent, and Physics 3.

5. Light. — Lectures (*Tu., Th., at 7.45*), and laboratory work (*six to eight hours a week*). Asst. Professor SABINE. (IX)

Course 5 is an advanced course in Physical Optics and is arranged for students making a specialty of Pure Physics. It requires a knowledge of Calculus.

6*a* ¹*hf*. Elements of Thermodynamics. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 9.* Professor HALL. (II)

Course 6*a* is adapted for students who have taken Mathematics 2 or its equivalent and are familiar with the elementary facts and principles of Heat.

6*b* ²*hf*. Modern Developments and Applications of Thermodynamics. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 9.* Professor HALL. (II)

Course 6*b* is open to students who have taken Course 6*a*, or who otherwise satisfy the instructor of their fitness to profit by the course.

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14 [1]*hf*. The Theory of Photography. — Actinometry, Reversible and Irreversible Photochemical Reactions, Theory of the Latent Image, Development, Fixing, Intensification, etc.; Color Photography; Catagraphy. *Half-course (first half-year). Tu., Th., Sat., at 9.* Dr. H. W. Morse. (X)

15 [2]*hf*. Radiation. *Half-course (second half-year). Tu., Th., Sat., at 9.* Dr. G. W. Pierce. (X)

Primarily for Graduates.

‡7 *hf*. The Theory of Probability and the Kinetic Theory of Gases. *Half-course.* Professor Hall.

Course 7 is offered in alternate years.

8. Electrodynamics, with special reference to Periodic Currents. — Laboratory work (*nine hours a week*). Professor Trowbridge.

Course 8 is open to those students only who have taken Course 4 and are taking no other laboratory course.

‡9. The Mathematical Theory of Electricity and Magnetism. *Mon., Fri., at 12, and a third hour at the pleasure of the instructor.* Professor B. O. Peirce and Dr. G. W. Pierce. (V)

Course 9 is open to those students only who have taken Mathematics 10 or its equivalent.

[10. The Mathematical Theory of Electricity and Magnetism (second course). *One lecture a week and regular written exercises.* Professor B. O. Peirce.]

Omitted in 1902–03.

Course 10 is intended for students who have taken Course 9.

Courses 9 and 10 are usually given in alternate years.

16 *hf*. The Mathematical Theories of Light. — Reading, conferences, and lectures on selected topics. *Half-course.* Asst. Professor Sabine, Dr. G. W. Pierce, and Dr. Lyman.

Course 16 is open to students who have taken Physics 5 and Mathematics 10.

Courses of Research.

To competent students who have acquired the requisite knowledge and practice, opportunities are offered of pursuing, under the guidance of the instructors, investigations of special topics, as follows: —

20*a*. Light and Electricity. Professor Trowbridge.

20*b*. Electricity and Magnetism. Professor B. O. Peirce.

20*c*. Heat and Electricity. Professor Hall.

20*d*. Light and Heat. Asst. Professor Sabine.

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The Physical Colloquium.

Stated meetings are held by the instructors and advanced students in the Division of Physics for the discussion of researches in progress in the Jefferson Laboratory and of the contents of current journals in Physics.

Summer Course.

For a Summer Course in Physics, which may be counted as a half-course towards the degree of A.B. or S.B., see page 430.

CHEMISTRY.

Primarily for Undergraduates.

1. Descriptive Inorganic Chemistry. — Lectures, *Mon.*, *Fri.*, *at 12*; laboratory work, *Tu.*, *Th.*, *1.30–3.30*, or *Wed.*, *Fri.*, *2.30–4.30*. Professor C. L. Jackson, Mr. Calhane and Messrs. Mark, Behr, Wyman. Carlton, Corson, Benedict, and R. F. Jackson. (V)

   Course 1 may be taken with Physics *B*, although in the same examination group.

2 ½*hf*. Organic Chemistry (elementary course). — Lectures. *Half-course* (*first half-year*). *Mon.*, *Wed.*, *Fri.*, *at 9*. Dr. Baxter. (II)

   Course 2 is open to those only who have taken Course *B* (now discontinued) or Course 1.

3. Qualitative Analysis. — Chiefly laboratory work. *Mon.*, *Wed.*, *Fri.*, *at 11*. Asst. Professor Sanger, Mr. McCarthy, and Messrs. Bonnet, Butler, and Langmaid. (IV)

   Course 3 is open to those only who have taken Course 1.

4. Quantitative Analysis, gravimetric and volumetric. — Chiefly laboratory work. *Mon.*, *Wed.*, *Fri.*, *at 3.30*. Dr. Baxter and Mr. Forbes. (VIII)

   Course 4 may be taken with Course 3, but otherwise is open only to students practised in Qualitative Analysis.

For Undergraduates and Graduates.

8 ½*hf*. The Historical Development of Chemical Theory. — Lectures, reading, and theses. *Half-course* (*second half-year*). *Tu.*, *Th.*, *at 12*. Professor Richards and Dr. Lewis. (XIII)

   Course 8 is open to those only who have taken Courses 1 and 2 or are taking Course 5.

11. Industrial Chemistry. — Lectures and reading. *Tu.*, *Th.*, *Sat.*, *at 10*. Asst. Professor Sanger. (XI)

    Course 11 is open to those only who have taken Courses 1, 2, 3, and 4.

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The laboratory work in the following courses (9, 10, and 5) will be varied, within certain limits, according to the needs of each student.

9 ½*hf*. Advanced Quantitative Analysis. — Lectures and laboratory work. *Half-course (first half-year). Mon., Wed., Fri. at 2.30.* Dr. BAXTER and Mr. HINES. (VII)

10 ½*hf*. Gas Analysis. — Chiefly laboratory work. *Half-course (second half-year). Mon., Wed., Fri., at 2.30.* Dr. BAXTER and Mr. HINES. (VII)

Courses 9 and 10 are open to those only who have taken Course 4.

5. The Carbon Compounds. — Lectures and laboratory work. *Mon., Wed., Fri., at 9.* Professor H. B. HILL and Mr. RUSSE. (II)

Course 5 is open to those only who have taken Course 1. Courses 2 and 8 are desirable in preparation for this course.

Primarily for Graduates.

6. Physical Chemistry. — Lectures and laboratory work. *Mon., Wed., Fri., at 12.* Professor RICHARDS and Mr. R. C. WELLS. (V)

Course 6 is open to those only who have taken Courses 4 and 8, Physics 1 or Physics *C*, and either Mathematics *A* and *B*, or Mathematics *F*, or Engineering 1*b* and 1*d*. A knowledge of the Calculus (Mathematics 2 or Engineering 1*c*) is desirable.

Course 6 may be taken without laboratory work, as a half-course; in this case Course 4 is not required in preparation.

12 ½*hf*. Photochemistry, including the use of Optical Instruments in Chemistry. — Lectures and laboratory work. *Half-course (first half-year). Tu., Th., Sat., at 9.* Dr. BAXTER. (X)

Course 12 is open to those only who are taking Course 6 or Course 20*d*.

7 ½*hf*. Electrochemistry. — Lectures and reading. *Half-course (second half-year). Tu., Th., Sat., at 9.* Dr. LEWIS. (X)

Course 7 is open to those only who take or have taken Course 6.

13 ½*hf*. Experimental Electrochemistry. — Chiefly laboratory work. *Half-course (second half-year). Mon., Wed., Fri., at 3.30.* Dr. LEWIS. (VIII)

Course 13 is open to those only who take or have taken Course 7, and are taking either Course 6 or Course 20*d*.

14. Advanced Physical Chemistry. — Chemical Kinetics and Equilibrium. Lectures and reading. *Mon., Wed., Fri., at 10.* Dr. LEWIS. (III)

Course 14 is open to those only who have taken Course 6 and Calculus (Mathematics 2 or Engineering 1*c*). Ability to read German is required.

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COURSES OF RESEARCH.

20*a*. Inorganic Chemistry, including Determination of Atomic Weights. Professor RICHARDS and Dr. BAXTER.

20*b*. Organic Chemistry. Professor C. L. JACKSON.

20*c*. Organic Chemistry. Professor H. B. HILL.

20*d*. Physical Chemistry. Professor RICHARDS and Dr. LEWIS.

20*e*. Applied Chemistry. Asst. Professor SANGER.

CONFERENCE IN PHYSICAL CHEMISTRY.

Reading and discussion of current literature. Open to those who take or have taken Course 6.

BOTANY.

Primarily for Undergraduates.

1 ²*hf*. Botany. *Half-course* (*second half-year*). Lectures (*Tu., Th., at 10*), and laboratory practice (*four hours a week*). Professor GOODALE, Mr. PLOWMAN, and other assistants. (XI)

This course is required as an introduction to Courses 3, 4, and 5. It is intended for beginners and for those who wish to get a comprehensive view of the subject. It is open to Freshmen, and may be taken with advantage in the same year with Zoölogy 1.

2 ¹*hf*. Morphology of Plants. *Half-course* (*first half-year*). Lectures (*Mon., Wed., Fri., at 2.30*), and laboratory work. Professor THAXTER and Messrs. BLAKESLEE and JOHNSTON. (VII)

This course should be taken with Zoölogy 2, and *may be taken separately only with the consent of the instructor*. It is open to those only who take or have taken Zoölogy 1.

For Undergraduates and Graduates.

*3. Botany (second course). — Morphology, Histology, and Physiology of Flowering Plants. Laboratory practice, with lectures and demonstrations. *Tu., Th., at 2.30*. Asst. Professor JEFFREY and Mr. PLOWMAN. (XV)

Course 3 is open to those only who have taken Course 1.

[*4 ²*hf*. Cryptogamic Botany. — Liverworts, Mosses, Ferns and Fern Allies. Lectures and laboratory work. *Half-course* (*second half-year*). *Tu., Th., Sat., at 11*. Professor THAXTER and an assistant.] (XII)

Omitted in 1902–03.

Courses 4 and 6 are given in alternate years and are open to those only who take or have taken Courses 1 and 2, or their equivalents.

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[*5. The Principles of Botanical Classification, Ecology, and Plant Distribution. *Tu., Th., at 3.30, and Sat., at 10.* Professor GOODALE and Mr. AMES.] (XVI)

Omitted in 1902–03.

Course 5 has been planned with special reference to the practical aspects of the subjects treated. It is open to those only who have taken Courses 1, 2, and 3, or their equivalents.

*6 2*hf.* Cryptogamic Botany. — Bacteria, Mycetozoa, Fungi, and Algae. Lectures and laboratory work. *Half-course (second half-year). Tu., Th., Sat., at 11.* Professor THAXTER and Mr. BLAKESLEE. (XII)

Courses 4 and 6 are given in alternate years and are open to those only who take or have taken Courses 1 and 2, or their equivalents.

7. Classification of Flowering Plants, with special reference to the Flora of New England and the Maritime Provinces. Lectures and laboratory work. *Mon., Fri., at 9.* Mr. FERNALD. (II)

Course 7 is open to those only who have taken Courses 2 and 3.

Primarily for Graduates.

COURSES OF RESEARCH.

20*a*. Structure and Development of Phanerogams. — Experimental Vegetable Physiology. Economic Botany, with special reference to Tropical Plants. Professor GOODALE and Asst. Professor JEFFREY.

20*b*. Structure and Development of Cryptogams. Professor THAXTER.

20*c*. Taxonomy of Phanerogams. Professor B. L. ROBINSON.

SUMMER COURSE.

For a Summer Course in Botany, which may be counted as a half-course towards the degree of A.B. or S.B., see page 430.

ZOÖLOGY.

Ability to read German and French will be of advantage in any of the courses in Zoölogy, and will be assumed in courses not primarily for Undergraduates.

Primarily for Undergraduates.

1 1*hf.* Zoölogy. — Lectures and laboratory exercises. *Half-course (first half-year). Tu., Th., and alternate Sat., at 10.* Asst. Professor G. H. PARKER, Mr. G. SMITH, and other assistants. (XI)

The laboratory exercises may be taken in any one of the following sections: I, *Sat., 9–10* and *11–1;* II, *Mon., 9–12;* III, *Mon., 1.30–4.30;* IV, *Tu., 9–10* and *11–1;* V, *Tu., 1.30–4.30.*

This course is required as an introduction to Course 2. It is intended for beginners and for those who wish to get a comprehensive view of the subject. It is open to Freshmen, and may be taken to advantage in the same year with Botany 1.

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2 ½*hf.* **Morphology of Animals.** — Lectures and laboratory work. *Half-course (second half-year). Mon., Wed., Fri., at 2.30.* Dr. CASTLE, Mr. PETERS, and other assistants. (VII)

This course should be taken with Botany 2, and *may be taken separately only with the consent of the instructor.*

For Undergraduates and Graduates.

3. Comparative Anatomy of Vertebrates. — Lectures and laboratory work. *Tu., Th., Sat., at 9.* Dr. H. W. RAND and Mr. CARPENTER. (X)

Course 3 is open to those only who have taken Course 2.

4 ½*hf.* Microscopical Anatomy. — Lectures and laboratory work. *Half-course (first half-year). Mon., Wed., Fri., at 10.* Professor MARK and Dr. H. W. RAND. (III)

Course 4 is preparatory to Courses 5 and 20. It is open to those only who have taken Course 2, and take or have taken Course 3.

*5 ½*hf.* Embryology of Vertebrates. — Lectures and laboratory work. *Half-course (second half-year). Mon., Wed., Fri., at 10.* Professor MARK and Dr. H. W. RAND. (III)

Course 5 is open to those only who have taken Course 4.

9 ½*hf.* Fossil Invertebrates. — Lectures and laboratory work. *Half-course (first half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 10.* Asst. Professor R. T. JACKSON. (XI)

Course 9 is open to those only who have taken Course 1, Geology 4, and either Course 2 or Geology 5; both of the last named courses may be advantageously included in the preparation.

9*a* ½*hf.* Fossil Invertebrates. — Advanced studies of special groups. Lectures and laboratory work. *Half-course (second half-year). Tu., Th., at 10.* Asst. Professor R. T. JACKSON. (XI)

Course 9*a* is open to those only who have taken Course 9 or Geology 14.

*10. Experimental Morphology. — Ontogenesis. Lectures, laboratory work, and a thesis. *Tu., Th., at 3.30.* Dr. CASTLE. (XVI)

Courses 10 and 11 are given usually in alternate years.

[*11. Experimental Morphology. — Phylogenesis. Lectures, laboratory work, and a thesis. *Tu., Th., at 3.30.* Dr. CASTLE.] (XVI)

Omitted in 1902–03.

Courses 11 and 10 are given usually in alternate years. They should ordinarily be preceded or accompanied by Course 3, and are open to those only who have taken Course 2.

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*13 1*hf*. Introduction to the study of the Nervous System. — Lectures and laboratory work. *Half-course (first half-year)*. *Mon., Wed., Fri., at 3.30*. Asst. Professor G. H. PARKER. (VIII)

Laboratory work will be arranged for *Mon., Wed., and Fri., afternoons*.

Course 13 is open to those only who have taken Course 2 or its equivalent, and take or have taken Course 3.

[*15 2*hf*. The Structure and Functions of the Nervous System and its Relation to Animal Habits. — Sense Organs. Lectures, laboratory work, and reports. *Half-course (second half-year)*. *Mon., Wed., Fri., at an hour to be arranged*. Asst. Professor G. H. PARKER.]

Omitted in 1902–03.

Courses 15 and 16 are given in alternate years.

*16 2*hf*. The Structure and Functions of the Nervous System and its Relation to Animal Habits. — Central Nervous Organs and Terminal Organs of Efferent Nerves. Lectures, laboratory work, and reports. *Half-course (second half-year)*. *Mon., Wed., Fri., at an hour to be arranged*. Asst. Professor G. H. PARKER.

Courses 16 and 15 are given in alternate years. They are open to those only who have taken Course 13.

Primarily for Graduates.

COURSE OF RESEARCH.

20. Zoölogical Investigations. Professor MARK, Asst. Professors R. T. JACKSON and G. H. PARKER, and Dr. CASTLE.

GEOLOGY.

The attention of students who take any course in the Division of Geology is called to the Geological Conference and Excursions. (*See page 417.*)

GEOLOGY AND GEOGRAPHY.

Primarily for Undergraduates.

Courses A, B, 4, and 5, and the Elementary Summer Courses in Geology and Geography are intended for beginners and for those who wish to get a general view of the subjects of which they treat. They are open to Freshmen.

A 1*hf*. Physiography of the Lands. — Lectures, written exercises, and laboratory and field work. *Half-course (first half-year)*. *Mon., Wed., Fri., at 11;* laboratory work (*two hours a week*) in sections as follows: I, *Mon., 1.30–3.30;* II, *Tu., 9–11;* III, *Tu., 11–1;* IV, *Th., 1.30–3.30*. Mr. READ, assisted by Mr. WILDER. (IV)

Course *A* is required for admission to Courses 6, 7, and 20, and is recommended to students expecting to take Course 8 and the more advanced courses in Geology.

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B ²*hf.* Meteorology (elementary course). — Lectures, written exercises, observations, and laboratory work. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 11;* laboratory work (*two hours a week*) in sections as follows: I, *Mon., 1.30–3.30;* II, *Tu., 9–11;* III, *Tu., 11–1;* IV, *Th., 1.30–3.30.* Asst. Professor WARD, assisted by Mr. WILDER. (IV)

Course *B* is required for admission to Courses 1, 19, 25, and 26.

4 ¹*hf.* Elementary Geology. — Lectures, with collateral reading. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 12.* Professor SHALER, assisted by Messrs. P. S. SMITH and GOLDTHWAIT. (V)

5 ²*hf.* Elementary Field and Laboratory Geology. *Half-course* (*second half-year*). *Wed., and usually Fri., at 12. In February and March:* laboratory work (*two hours, twice a week*) in sections: Section A, *Tu., Th., 10–12;* or B, *Tu., Th., 1.30–3.30;* or C, *Wed., Fri., 1.30–3.30. In April and May:* field work, *Th.* or *Fri.* (*one half-day a week*), and laboratory or field work, *Tu.* or *Wed.* Asst. Professor J. B. WOODWORTH, aided by Mr. GOLDTHWAIT and other assistants. (V)

Course 5 is open to those who have passed in Course 4 or its equivalent. Course 5 or its equivalent is required for admission to the higher courses in Geology (8, 9, 10, 11, 16, 14, 17, 18).

S1. Elementary Geology: Summer Course. See page 430.

1 ¹*hf.* Meteorology (second course). — Lectures, written exercises, and observations. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 11.* Asst. Professor WARD. (IV)

Course 1 is open to those only who have taken Course *B*.

For Undergraduates and Graduates.

6 ²*hf.* Physiography of the United States. — Lectures, laboratory work, and reports. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 12.* Professor DAVIS and Mr. READ. (V)

[7 ¹*hf.* Physiography of Europe. — Lectures, library work, and reports. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 12.* Professor DAVIS.] (V)

Omitted in 1902–03.

Courses 6 and 7 are given in alternate years. Course *A* is required and Course 4 is recommended in preparation for either 6 or 7. In Course 7 some use of French and German books will be required.

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8. General Geology. — Lectures, field work, reports, and reading. *Wed., Fri.* (*and occasionally Mon.*), *at 9, with additional hours for conference and field work.* Asst. Professor J. B. WOODWORTH, assisted by Mr. P. S. SMITH. (II)

Course 8 is open to those only who have attained satisfactory grades in Course 5 or its equivalent (see Course S1 on p. 430). Students taking Course 8 must keep Thursday or Friday afternoon free for field work and conference.

10. Mining Geology. — The origin and geological relations of ore deposits. Lectures, reading, and occasional field work. *Tu., Th., Sat., at 10.* Professor H. L. SMYTH, assisted by Mr. HENDERSON. (XI)

Courses 4 and 5 and Mineralogy 2, or their equivalents, are required in preparation for this course.

22. Advanced Geological Field Work. — Areal Geology in the vicinity of Boston. Library work, conferences, and theses. *Th., at 3.30, and a second hour at the pleasure of the instructor.* Dr. JAGGAR, assisted by Mr. LAFORGE. (XVI)

This course, which is conducted as a course of research, affords training in methods of geological surveying in the field, and in the preparation of geological maps and reports. During the fall and spring one full day's work each week in the field is required.

Course 8 or 10, together with some knowledge of mineralogy, is required; Mineralogy 12 and summer work in Mining 12 are recommended, in preparation for this course.

17 ²*hf.* Experimental and Dynamical Geology. — Lectures illustrated by experiments, with laboratory work, and reports. *Half-course* (*second half-year*). *Tu., Th., at 12, with additional hours for conference and laboratory work.* Dr. JAGGAR, assisted by Mr. LAFORGE. (XIII)

Courses 4 and 5 are required, and Course *A* and Mineralogy 2 are recommended, in preparation for this course. Ability to read French or German is desirable.

[9 ²*hf.* Structural and Dynamical Geology of the United States. — Lectures, with library work and reports. *Half-course* (*second half-year*). *Tu., Th., at 12, with additional hours for conference and library work.* Dr. JAGGAR.] (XIII)

Omitted in 1902–03; to be given in 1903–04.

Courses 4 and 5 are required, and Courses *A* and 8 are recommended, in preparation for this course.

[S2. Advanced course of field work: Summer Course.]

Omitted in 1902.

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*16 ½*hf.* Glacial Geology. — Lectures, conferences, field work, and reports. *Half-course (first half-year). Wed., Fri., at 10, with additional hours for field work in October and November, and for laboratory and library work in the winter.* Asst. Professor J. B. WOODWORTH. (III)

Course 5 or its equivalent is required, and Courses *A*, *B*, 8, and 6 are recommended, in preparation for this course. Students taking this course must keep one half-day in each week of the autumn free for field work.

[*27 ½*hf.* Pre-Cambrian Geology of North America, with especial reference to the stratigraphy and economics of the rocks in the original Laurentian area and the region of the Great Lakes. *Half-course (first half-year).* Professor H. L. SMYTH.]

Omitted in 1902–03.

Course 8 and Mineralogy 2 are required, and Mineralogy 12 is recommended, in preparation for this course.

19 ½*hf.* General Climatology. — Lectures, library work, and a thesis. *Half-course (first half-year). Mon., Wed., Fri., at 2.30.* Asst. Professor WARD. (VII)

Course 19 is open to those only who have obtained a satisfactory grade in Course *B*, and to students in the Graduate School having equivalent preparation.

25 ½*hf.* Climatology of the United States. — Lectures, library work, and reports. *Half-course (second half-year). Mon., Wed., Fri., at 2.30.* Asst. Professor WARD. (VII)

Course 25 is open to those only who have obtained a satisfactory grade in Course *B*, and to students in the Graduate School having equivalent preparation.

14 ½*hf.* General Palaeontology. — Lectures, with collateral reading and theses. *Half-course (first half-year). Mon., Wed., Fri., at 10,* and laboratory conferences. Professor SHALER, assisted by Mr. READ. (III)

Course 14 is open to those only who have taken Courses 4 and 5 or have an equivalent preparation. Some knowledge of elementary zoölogy and ability to read scientific French and German are desirable.

11. Palaeontology. — Lectures and laboratory work. *Tu., Th., at 2.30,* with additional laboratory hours. Asst. Professor R. T. JACKSON, assisted by Mr. CUSHMAN. (XV)

Course 11 is open to those only who have taken Geology 4 and 5 and Zoölogy 1.

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*15. Historical Geology. — Laboratory and field work, with conferences and theses. *Wed., at 3.30.* Asst. Professor R. T. JACKSON. Occasional lectures by Professor SHALER. (VIII)

This course is designed to train advanced students in the use of fossils in identifying geological horizons. It is open to those only who already have some knowledge of geology and palaeontology. Courses 8 and 11 afford a suitable preparation for Course 15.

*18 ½*hf.* Economic Geology. — Non-metalliferous products and water supply. Lectures, reading, and a thesis. *Half-course (first half-year). Wed., Fri., and (at the pleasure of the instructor) Mon., at 4.30.* Professor H. L. SMYTH, assisted by Mr. HENDERSON.

Course 18 is open to those only who have taken Courses 4 and 5, or Course S1, and Mineralogy 2. Course 8 and Mineralogy 12 are also desirable as a preparation.

Primarily for Graduates.

Students in these courses are expected to attend the meetings of the Geological Conference (see below).

COURSES OF RESEARCH.

‡20. Physiography (advanced course). — Conferences, reports, and theses. *Tu., at 9, and a second hour at the pleasure of the instructor.* Professor DAVIS. (X)

Course 20 is open to those who have passed satisfactorily in Course *A* and Course 6 or 7. An elementary knowledge of Geology is desirable.

21. Mining Geology (advanced course). — Conferences, reports, and theses. *Wed., at 9, and a second hour at the pleasure of the instructor.* Professor H. L. SMYTH. (II)

Course 10 and Mineralogy 12 are required in preparation for this course.

23. Geological Investigation in the Field and Laboratory. Professors SHALER, DAVIS, WOLFF, and H. L. SMYTH, Asst. Professor J. B. WOODWORTH and Dr. JAGGAR.

This course provides more advanced work in the subjects of Courses 22, 10, 11, 16, and 17, and may be taken by students who have passed in any one of these courses.

S3. Training in Field Research: Summer Course. See page 430.

24. Advanced Palaeontology. — Laboratory work and theses. Professor SHALER and Asst. Professor R. T. JACKSON.

This course is open to those only who have studied zoölogy and palaeontology.

26. Climatology (advanced course). — Conferences, reports, and theses. Asst. Professor WARD.

This course is open to those only who have passed satisfactorily in Courses *B*, 1, 19, and 25. It may be taken as a whole course or as a half-course.

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GEOLOGICAL CONFERENCE AND EXCURSIONS.

The Geological Conference.

The instructors in the Division of Geology will meet the students in the various courses on Tuesday evenings for the presentation of reports upon subjects investigated by the members of the Conference. Opportunity will be given for informal comment and discussion. At every meeting there will be one or more leading papers on subjects previously announced, and discussion will be directed chiefly to the subjects thus presented. There will be also brief statements of work in progress by instructors and students, and notices of new publications and other matters of interest.

Advanced students in the Division of Geology are expected to attend the Conference.

Excursions.

In addition to the systematic excursions in connection with various courses, a series of excursions to places within a day's travel of Boston will be conducted during the autumn and spring by the instructors in the Division of Geology. These excursions are announced in the University Calendar and are open to all members of the University. Excursions to more distant localities are generally made during the April recess.

MINERALOGY AND PETROGRAPHY.

Primarily for Undergraduates.

2. Mineralogy (including Crystallography, Physical and Chemical Mineralogy, and Descriptive Mineralogy). *Mon., Wed., Fri., at 10, with five additional laboratory hours.* Asst. Professor Palache, assisted by Mr. Wood. (III)

Open to those only who take or have taken Chemistry 1. Students proposing to study Petrography are advised to take Course 8 with Course 2.

3 ½*hf.* Building Stones. — A course of lectures, with laboratory work and a thesis, adapted to students of Architecture, dealing with the composition, occurrence, quarrying, and uses of building stones in the United States. *Half-course (first half-year). Mon., Wed., Fri., at 3.30.* Professor Wolff. (VIII)

This course cannot be counted towards the degree of A.B.

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For Undergraduates and Graduates.

7 ½*hf.* Crystallography. — Practical exercises in the measurement, discussion, and drawing of crystals, with occasional lectures. *Half-course (first half-year).* Asst. Professor PALACHE.

Course 7 is open to those only who take or have taken Course 2.

8 ½*hf.* Physical Crystallography, mainly Optical Mineralogy and its applications. — Lectures and laboratory work. *Half-course (second half-year).* Professor WOLFF and Asst. Professor PALACHE.

Course 8 is open to those only who take or have taken Course 2.

*12. Petrography. — Lectures, laboratory work, and theses. *Tu., Th., at 11, and an occasional third hour, with additional laboratory hours.* Professor WOLFF, assisted by Mr. WOOD. (XII)

Course 12 is open to those only who have taken Geology 4 and 5 (or Geology S1) and Mineralogy 2. Course 8 is also recommended.

Primarily for Graduates.

COURSE OF RESEARCH.

20. Mineralogical and Petrographical Research. Professor WOLFF and Asst. Professor PALACHE.

MINING AND METALLURGY.

Primarily for Undergraduates.

Courses 1 and 9 may be counted towards the degree of A.B.

1 ½*hf.* Elements of Mining. — Prospecting and Exploring. Sampling, and the principles of Exploitation. Lectures, occasional laboratory work, reading, and excursions. *Half-course (second half-year). Tu., Th., Sat., at 12.* Professor H. L. SMYTH, assisted by Mr. HENDERSON. (XIII)

Geology 4 and 5 and Mineralogy 2 are required in preparation for this course.

9 ½*hf.* General Metallurgy. — Lectures and reading. *Half-course (second half-year). Tu., Th., and (at the pleasure of the instructor) Sat., at 11.* Asst. Professor SAUVEUR. (XII)

Chemistry 1 is required in preparation for this course.

*10 ½*hf.* Fire Assaying. — Chiefly laboratory work. *Half-course (first half-year). Tu., Th., Sat., at 11,* and laboratory work two afternoons a week (*Mon., Tu., Wed. or Th.*). Mr. RAYMER, assisted by Mr. P. R. CURTIS. (XII)

Mineralogy 2 is required in preparation for this course. It cannot be counted towards the degree of A.B.

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For Undergraduates and Graduates.

2 ^{1}hf. Metallurgy. — Metallurgy of iron and steel. Lectures, reading, and excursions. *Half-course (first half-year). Mon., Wed., Fri., at 12*, and laboratory work one afternoon a week (*Tu. or Th.*). Asst. Professor SAUVEUR, assisted by Mr. BOYNTON. (V)

Course 9 is required in preparation for this course. It cannot be counted towards the degree of A.B.

3 ^{2}hf. Metallurgy. — Metallurgy of copper, nickel, lead, zinc, and the minor metals. Copper and lead as collectors of the precious metals. Lectures, reading, and excursions. *Half-course (second half-year). Mon., Wed., Fri., at 12.* Professor H. L. SMYTH. (V)

Course 9 is required in preparation for this course. It cannot be counted towards the degree of A.B.

4. Ore-dressing, Concentration, and Milling. — Wet methods of ore-treatment. Lectures and laboratory work. *Mon., Wed., Fri., at 9*, and laboratory work two afternoons a week (*Mon., Tu., Wed. or Th.*). Mr. RAYMER, assisted by Mr. P. R. CURTIS. (II)

Course 10 and Engineering 1*c* or their equivalents are required in preparation for this course. It cannot be counted towards the degree of A.B.

5 ^{1}hf. Mining. — Metal and Coal Mining. Exploitation. Lectures, reading, and reports. *Half-course (first half-year). Mon., Wed., Fri., at 10.* Professor H. L. SMYTH. (III)

Course 1 and Engineering 5*a* are required in preparation for this course. It cannot be counted towards the degree of A.B.

11 ^{2}hf. Mining Plant. — Hoists, pumps, drills, compressors, and haulage-equipment. Lectures, reading, and reports. *Half-course (second half-year). Mon., Wed., Fri., at 10.* Mr. RAYMER. (III)

Course 5 is required in preparation for this course. It cannot be counted towards the degree of A.B.

6 ^{2}hf. Metallurgical Chemistry. — The analysis of ores (chiefly laboratory work). *Half-course (second half-year). Mon., Wed., Fri., at 2.30.* Mr. C. H. WHITE, assisted by Mr. SCHOENFUSS. (VII)

Chemistry 3 is required in preparation for this course. It cannot be counted towards the degree of A.B.

7. Metallurgical Chemistry (advanced course). — The analysis of metallurgical materials and products (chiefly laboratory work). *Tu., Th., Sat., at 2.30.* Mr. C. H. WHITE, assisted by Mr. SCHOENFUSS. (XV)

Course 6 or Chemistry 4 is required in preparation for this course. It cannot be counted towards the degree of A.B.

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8 ½*hf*. Leaching Processes for Gold and Silver Ores. — Lectures, laboratory work, and reading. *Half-course* (*first half-year*). *Mon., Wed., at 11, with additional laboratory hours.* Mr. C. H. WHITE. (IV)

Courses 6 and 10 are required in preparation for this course. It cannot be counted towards the degree of A.B.

*12. Mining. — The study of mining operations. Field work and a report. *Six weeks in the summer, beginning August 8.* Mr. RAYMER.

Course 1 is required in preparation for this course. It is open only to students of Mining and Metallurgy in the Lawrence Scientific School.

14 ²*hf*. Metallography. — Lectures, laboratory work, and reading. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 11*, and laboratory work on *Tu., Th., from 2–5*. Asst. Professor SAUVEUR, assisted by Mr. BOYNTON. (IV)

Course 2 is required in preparation for this course. It cannot be counted towards the degree of A.B.

17 ²*hf*. Mine Surveying. — The general principles of underground and claim surveying. The construction of maps, sections, and models. Lectures and reports. *Half-course* (*second half-year*). *Tu., at 9.* Mr. RAYMER. (X)

Engineering 4*a*, 4*c*, and 4*d* are required in preparation for this course. It is open only to students of Mining and Metallurgy in the Lawrence Scientific School.

Primarily for Graduates.

COURSE OF RESEARCH.

*20. Metallography and the Physics of Metals. Asst. Professor SAUVEUR.

AMERICAN ARCHAEOLOGY AND ETHNOLOGY.

For Undergraduates and Graduates.

1. General Anthropology. — Lectures and theses. *Mon., Wed., Fri., at 9.* Dr. RUSSELL. (II)

This course is introductory to the Courses of Special Study.

5. American Archaeology and Ethnology. — Lectures, laboratory work, prescribed reading, and reports. *Mon., Wed., Fri., at 10.* Dr. DIXON. (III)

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Primarily for Graduates.

‡2 ²*hf*. Somatology. Lectures and laboratory work. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 2.30.* Dr. RUSSELL. (VII)
This course is intended for students preparing for the medical profession or for advanced work in Somatology.

‡3 ¹*hf*. Primitive Religions. — Theories of origin, animism, totemism, fetishism, ceremonial, symbolism, comparative mythology, and folklore. Lectures, reading, and reports. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 12.* Dr. DIXON. (V)

‡4 ¹*hf*. Prehistoric Archaeology. — European Ethnology. Lectures, prescribed reading, and reports. *Half-course* (*first half-year*). *Mon., Wed., Fri., at 12.* Dr. RUSSELL. (V)

‡7 ²*hf*. Ethnology of Polynesia and Australia. *Half-course* (*second half-year*). *Mon., Wed., Fri., at 12.* Dr. DIXON. (V)

COURSES OF SPECIAL STUDY.

‡20*a*. American Archaeology and Ethnology. Professor PUTNAM.
This course is carried on by work in the laboratory and Museum, and by field work and explorations. It is open to students who have taken Course 1, and is intended for those who wish to engage professionally in archaeological and ethnological work.

‡20*b*. Advanced Somatology.—Laboratory work and theses. Dr. RUSSELL.
This course is open to students who have taken Course 1.

ANATOMY, PHYSIOLOGY, AND HYGIENE.

These courses may be counted towards the degree of S.B. only, with the exception of Course 1 which may also be counted towards the degree of A.B.

1. Elementary Anatomy and Physiology. — Personal Hygiene. Emergencies. *Tu., Th., Sat., at 10.* Laboratory work (*two hours a week*) in sections. Drs. DARLING, PROVANDIE, and BACON. (XI)

4 ¹*hf*. Anthropometry. — Measurements and tests of the body. Effects of age, nurture, and physical training. Lectures and practical exercises. *Half-course* (*first half-year*). *Three times a week.* Dr. D. A. SARGENT.

5 ²*hf*. Applied Anatomy and Animal Mechanics. — Action of the muscles in different exercises. Lectures and demonstrations. *Half-course* (*second half-year*). *Three times a week.* Dr. D. A. SARGENT.

Courses 4 and 5 must be preceded by Course 1 or its equivalent.

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COURSES REGULARLY OPEN TO FRESHMEN ARE

	Monday, Wednesday, and Friday, at							
	7.45	9	10	11	12	1.30	2.30	3.30
	I	II	III	IV	V	VI	VII	VIII
Semitic			4	1	17		7	13
Indic Philol.							1a[1], 1b[2]	2[1], 3[2]
Greek		9		1	A, B1, 11		E	
Latin		15	1, 6	B II & III, 8			E, 13[2]	
Class. Phil.		39[1]	24[2], 45[1]	44, 63[2]	46[2], 70[1]		68	38
English		1, 30[1] or [2], 8a[1]	2	3a[1], 3b[2], 11a[1], 11b[2] 16, 34	5a[1], 18, 35	BC	7a[1], 7b[2]	4
Germ. Lang. and Lit.	C I	D, 1a, 29	B	C II, 1b, 3	2a, 27	25	8, 26a[1], 26b[2]	11a[1], 11b[2]
French		1c	2a II, 2c			2a I		4
Rom. Lang. and Lit.			R. Phil. 7	Sp. 2, 3	C. Lit. 1, 3	Sp. 1		C. Lit. 12
Slavic						4		
History		1, 16a[1], 16b[2]	9, 12a[1], 12b[2]	8, 10	3, 11	17	4, 15	
Government			14			4		
Economics		12a[1], 12b[2]	8a[1], 8b[2]	4, 21	7b[1], 20a	3	2, 16[2]	7a[1], 18[1], 19[2]
History of Religions							2	
Philosophy			12	16	2[1], 14a[2] 17		1a, 10a[1], 10[2]	7[2]
Education			5[1]	31				10a[2], 10c[1]
Fine Arts		4, 6a[2]	20c[1]				1	2
Architecture		3a I, 3b I, 8c I	1b		1a	7	4a	5[2]
Land. Arch.		1				2, 8		
Music		2		2a	3		5, 7	7
Mathematics			F1, 4, 8, 21[1], 21a[2]	2, 5, 7a	9, 14b[2], 17[1]	G[2]	A[1], B[2], 30[1]	15
Astronomy								
Engineering		5c[1], 6a[2], 11a[2], 12b[1] 16f	1a[1], 1d[2], 3d[2], 6c[1],	1a[1], 1d[2], 3b[1], 3e[2], 5a	1f[1]	3a, 7a		
Physics	B*	6a[1], 6b[2]			B, 9			
Chemistry		2[1], 5	14	3	1, 6		9[1], 10[2]	4, 13[2]
Botany		7					2[1]	
Zoölogy			4[1], 5[2]				2[2]	13[1]
Geol. & Geog.		8, 21	14[1], 16[1]	A[1], B[2], 1[1]	4[1], 5[2], 6[2]		19[1], 25[2]	15
Mineralogy			2					3[1]
Mining		4	5[1], 11[2]	8[1], 14[2]	2[1], 3[2]		6[2]	
Amer. Arch.		1	5		3[1], 4[1], 7[2]		2[2]	
Hygiene								

* For Examinations.

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	Tuesday, Thursday, and Saturday, at							
	7.45	9	10	11	* 12	1.30	2.30	3.30
	IX	X	XI	XII	XIII	XIV	XV	XVI
Semitic			5, 6	3, 3*a*, 12	8		16	2
Indic Philol.							4^1, 5^2	
Greek		8	2, 6	*B*II, 17^2	*G*, 10	7	3	
Latin				*A*	*B*I, 2	7	3	
Class. Phil.		53^2, 57^1	66^1, 73^2	21^1, 27^1, 58^2	71^1, 29^1, 72^2		25	
English		39^1	9^2, **28**, $42a^1$, $42b^2$		14, $32a^2$, 36^2, 24^1	22	31	*A**
Germ. Lang. and Lit.	*A**	1*c*, **2***b*, $12a^1$, $12b^2$		21	4, 5		*F*, *H*, 19^2	14^2, 15^1
French	*A**	1*a*, 10	6, 6*c*,	1*b*I & II, $7a^1$, $7b^2$	1*b*III, 14, 18		5	**3**
Rom. Lang. and Lit.	R. Phil. 5^1	Ital. 2 Sp. 5 R. Phil. 4	R. Phil. 3	Ital. 1, 10 C. Lit. 2			Celtic 1^1, 2^2	
Slavic		1*a*		1*b*				
History		26	29^2	6	18			
Government		1, $16a^1$, $16b^2$	14	10				
Economics		10^1, 11^2	9	1	17	5^1, 14	6, 13^1	20*b*
History of Religions								
Philosophy			5, $11a^1$, $11b^2$	9^1	3	1*b*,	14^1	
Education		1	$2a^1$, $2b^2$		3II			
Fine Arts		$5a^2$						
Architecture		$3a$II, 3*b*II, 3*c*II					2*a*, 4*b*, 4*c*	6
Land. Arch.								
Music					4		1, 6	
Mathematics		*F*II, 11	12^1, 31^2	*C*, *F*III, 3, 13	10	*D*^{2}, *E*^{1}		
Astronomy		8		11^1, 2^2				
Engineering		$5b^1$, $5d^2$, 16*a*, 16*c*	$1b^1$ or ^{2}, $6d^2$ $12c^1$, 13*a*	1*c*, $8a^2$, $12a^1$, $14a^1$, 16*e*, $18a^2$	22^2	16*d*		
Physics	5	14^1, 15^2	2^1, 11^2, 4	12^1, 13^2	*C*, 1, 3			
Chemistry		7^2, 12^1	11		8^2			
Botany			1^2	6^2			3	
Zoölogy		3	1^1, 9^1, $9a^2$					10
Geol. & Geog.		20	10		17^2		11	22
Mineralogy				12				
Mining		17^2		9^2, 10^1	1^2		7	
Amer. Arch.								
Hygiene			1					

* For Examinations.

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MEDICAL SCHOOL COURSES.

By vote of the Faculty of Arts and Sciences, the following laboratory courses of research, offered by the Faculty of Medicine, are recognized as suitable courses for properly qualified students in the Graduate School. These courses are especially designed for such Graduate Students as are prepared to do original work in the lines of study proposed. They are distinct from the regular instruction given to Medical Students. The equipments of the several laboratories will be placed at the disposal of students who are admitted to these courses.

For Graduates Only.

COURSES OF RESEARCH.

a. Experimental Physiology. Associate Professor W. T. PORTER.

b. Anatomy. Practical work, without instruction, with the privilege of attending lectures in the subject. Professor DWIGHT and Associate Professor DEXTER.

c. Bacteriology. Professor ERNST.

d. Comparative Vertebrate Embryology. *Ten hours a week during the second half-year* for general preparatory work, which may be accompanied by special research work as arranged with each student. Professor MINOT and Dr. F. T. LEWIS.

For further information respecting these courses, application should be made to Professor W. L. RICHARDSON, *Dean*, Harvard Medical School, Boylston Street, Boston.

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INSTRUCTION BY DOCTORS OF PHILOSOPHY.

By a vote of the President and Fellows, passed January 11, 1897, the Faculty is empowered to authorize any Doctor of Philosophy or of Science who shall be approved by the Department with which his work is most closely related, to give instruction for a period not exceeding four months, either gratuitously or for such fees as he may himself fix and collect.

Under this vote the following courses were given in 1901–02: —

History and Government.

The Canon Law in its relation to Marriage. Dr. J. C. Ayer.

Philosophy.

Methods of Psychological Research. Dr. J. P. Hylan.

The Logical Foundations of Physics and Mathematics. Dr. Karl Schmidt.

The Fine Arts.

The Great Greek Sculptors of the Fifth and Fourth Centuries B.C. Dr. von Mach.

Physics.

The Electro-magnetic Theory of Light. Dr. G. W. Pierce.

The following courses have been authorized for 1902–03: —

Philosophy.

The Logical Foundations of Geometry. (*Second half-year.*) Dr. Karl Schmidt.

Development of Aesthetics since Hegel. (*Second half-year.*) Dr. L. A. Freedman.

SUMMER COURSES OF INSTRUCTION.

The Summer Courses of Instruction, given under the authority of the Faculty of Arts and Sciences, are in charge of the following Standing Committee of that Faculty: —

Nathaniel Southgate Shaler, S.D., *Professor of Geology*, and *Dean of the Lawrence Scientific School*, Chairman.

Paul Henry Hanus, S.B., *Professor of the History and Art of Teaching.*

Charles Robert Sanger, Ph.D., *Assistant Professor of Chemistry.*

James Lee Love, A.M., *Assistant Professor of Mathematics*, *Secretary of the Lawrence Scientific School*, and *Clerk of the Summer School.*

Byron Satterlee Hurlbut, A.M., *Assistant Professor of English*, and *Dean of Harvard College.*

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SUMMER OF 1903.

The following Courses of Instruction are announced for the summer of 1903: —

Sanskrit, one course.
Greek, two courses.
Latin, two courses.
English, ten courses.
Reading and Speaking, two courses.
German, three courses.
French, three courses.
Spanish, two courses.
Russian, one course.
History and Government, five courses.
Economics, two courses.
Psychology, two courses.
Philosophy, one course.
Education, eight courses.
Theory of Design, one course.
History and Interpretation of Art, one course.
Freehand Drawing, one course.
Music, two courses.
Mathematics, six courses.
Surveying, three courses.
Shopwork, four courses.
Physics, three courses.
Chemistry, four courses.
Botany, two courses.
Geology, three courses.
Geography, three courses.
Physical Training, eight courses.

Women as well as men are admitted to these courses, except to those in Surveying and Shopwork and to the field work in Geology.

In general, the Summer Courses are adapted to the needs of teachers and of those who intend to be teachers. Some of the more elementary courses, however, are intended also to meet the needs of beginners. A few of the courses may be counted towards a degree by students in the College or Scientific School. Such courses will be designated in the Faculty's Announcement for 1903–04.

Unless otherwise stated the courses will begin on *Monday, July 6*, and will end on *Friday, August 14*.

During the session of the School the College Library will be open daily. The Museum of Comparative Zoölogy, the Peabody Museum, the Semitic Museum, the Fogg Art Museum, the Botanic Garden, and the Mineralogical Collection are also accessible to students in the Summer School.

The Announcement of the Summer School for the summer of 1903, containing descriptions of the proposed courses and other information, can be obtained by application to the Clerk of the School, 16 University Hall.

The fees for the Summer School vary in different courses. The fee for each course is stated in the Announcement. It must be paid, on entering the School, at the Bursar's office, Dane Hall.

Board and lodging may be obtained in Cambridge during the session of the School at a cost varying from four to ten dollars per week.

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SUMMER OF 1902.

The Summer School of 1902 offered the following courses. The index, ☞, denotes those which students in the College and the Scientific School were permitted to count towards a degree.

Greek.

Greek for Beginners. Five times a week for six weeks. Dr. G. H. CHASE.

Latin.

Latin for Teachers. Five times a week for six weeks. Dr. W. W. BAKER.

English.

A. English Composition. — Elementary Course. Five times a week for six weeks. Asst. Professor HURLBUT, assisted by Messrs. C. A. MOORE and F. W. REYNOLDS.

B. English Composition. — Advanced Course. Five times a week for six weeks. Mr. C. N. GREENOUGH.

C. English Composition. — Second Advanced Course. Five times a week for six weeks. Mr. PIERRE LA ROSE.

Anglo-Saxon. — Anglo-Saxon Reader and Grammar. Five times a week for six weeks. Mr. W. W. LAWRENCE.

Shakspere. Five times a week for six weeks. Dr. W. A. NEILSON.

English Literature of the Eighteenth Century. — Five times a week for six weeks. Asst. Professor HURLBUT and Mr. C. L. YOUNG, assisted by Mr. F. W. REYNOLDS.

English Literature in Outline, from Anglo-Saxon Times to the Present. Five times a week for six weeks. Dr. W. A. NEILSON.

Public Speaking, Reading, and Voice Cultivation. — Two courses for teachers of reading and public speaking, and for teachers of English. Five times a week for six weeks. Mr. I. L. WINTER, assisted by Mr. A. S. HILLS and Mr. B. G. WILLARD.

Course *A.* Voice Cultivation. Mr. HILLS.

Course *B.* Public Speaking and Reading. Mr. WINTER.

German.

Teachers' Course. Five times a week for six weeks. Dr. J. F. COAR.

French.

Intermediate Course. Five times a week for six weeks. Dr. FORD.

Spanish.

Introductory Course. — Grammar, composition, and translation. Five times a week for six weeks. Dr. FORD.

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History and Government.

I. Mediaeval and Modern European History. Five times a week for six weeks. Professor MACVANE.

II. English History. Twenty-eight lectures, supplemented by written exercises. Dr. A. L. CROSS.

III. American History. Lectures and training in the use of materials, and in the application of the laboratory method of study. Twenty-five lectures, supplemented by four pieces of written work. Professor HART and Dr. A. L. CROSS.

IV. Modern Constitutional Government. Lectures, reading, and reports. Five times a week for six weeks. Professor MACVANE.

Psychology.

I. Lecture Course. The Principles, Methods, and Data of Psychology. Five times a week for six weeks. Dr. YERKES.

II. Laboratory Course. An Experimental Study of Sensation, Perception, Attention, and Reaction, with Demonstrations. Five times a week for six weeks. Dr. YERKES.

Education.

I. General Principles of Education. Courses of study; organization and administration of schools and school systems. Twenty-five lectures, supplemented by written work and thesis. Professor HANUS.

II. History of Education since the Twelfth Century. Twenty-five lectures, supplemented by reading and reports. Mr. A. O. NORTON.

III. The Organization and Administration of Schools and School Systems in Towns and Cities. The Duties and Opportunities of Principals and Superintendents of Schools. Twenty-five lectures, July 14 to 25, inclusive, as follows:—

1. The School Committee and the Superintendent. The Superintendent and the Community. Five lectures by Superintendent GEORGE I. ALDRICH of Brookline.
2. The Superintendent and the Teaching Corps. Five lectures by Superintendent THOMAS M. BALLIET of Springfield.
3. Town and District Organization and Supervision. Five lectures by JOHN T. PRINCE, Agent of the Massachusetts Board of Education.
4. The Duties and Opportunities of the High School Principal. Five lectures by Principal RAY GREENE HULING, English High School, Cambridge.
5. The Duties and Opportunities of the Grammar School Principal. Five lectures by Superintendent CHARLES H. MORSS, Medford.

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Theory of Design.

Lectures, with experimental practice, for designers, for teachers of Design, and for teachers of the History of Art. Dr. D. W. Ross, assisted by Mr. H. H. CLARK.

Freehand Drawing. Five times a week for six weeks. Mr. H. B. WARREN.

Music.

I. Lectures and conferences on the grammar and principles of Music. Five times a week for six weeks. Mr. D. G. MASON.

II. Lectures and conferences on the History of Music and on the Art of Music. Five times a week for six weeks. Mr. D. G. MASON.

Mathematics.

☞ S*D* Advanced Algebra. Five times a week for six weeks. Asst. Professor LOVE.

☞ S*E* Solid Geometry. Five times a week for six weeks. Dr. E. V. HUNTINGTON.

☞ S*A* Plane Trigonometry. Five times a week for six weeks. Mr. ASHTON.

☞ S*B* Plane Analytic Geometry. Five times a week for six weeks. Dr. E. V. HUNTINGTON.

S2. Differential and Integral Calculus. Five times a week for six weeks. Mr. ASHTON.

The History and the Teaching of Elementary Mathematics. Five times a week for six weeks. Professor D. E. SMITH (Columbia Univ.).

Surveying.

☞ Engineering 4*a*. Plane Surveying. Field work. Daily, six weeks. Mr. TURNER.

☞ Engineering 4*c*. Geodetic Surveying. Daily, two weeks. Mr. TURNER.

☞ Engineering 4*d*. Railroad Surveying. Daily, three weeks. Mr. TURNER.

Shopwork.

*Engineering 10*a*. Chipping, Filing, and Fitting. Lectures and laboratory work. Ninety hours. Asst. Professor BURKE.

*Engineering 10*b*. Blacksmithing. Lectures and laboratory work. Ninety hours. Asst. Professor BURKE.

* The courses in Shopwork may be counted for S.B., but not for A.B.

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*Engineering 10*c*. Pattern Making and Foundry Practice. Lectures and laboratory work. Ninety hours. Asst. Professor BURKE.

*Engineering 10*e*. Machine-Shop Practice. Lectures and laboratory work. Ninety hours. Asst. Professor BURKE.

Physics.

Elementary Physics. Five times a week for six weeks. Dr. W. E. MCELFRESH and Mr. L. D. HILL.

☞ Advanced Physics. Five times a week for six weeks. Asst. Professor SABINE.

Chemistry.

Elementary Theoretical and Descriptive Chemistry. Five times a week for six weeks. Dr. BAXTER, assisted by Mr. R. C. WELLS.

Physical Chemistry. Five times a week for six weeks. Dr. BAXTER and an assistant.

Botany.

☞ S1. Elementary Morphological and Physiological Botany. Lectures, laboratory work, and field work. Five times a week for six weeks. Mr. OLIVE, assisted by Messrs. DANDENO and PLOWMAN.

☞ S2. Advanced Course in Morphology and Ecology. Lectures, laboratory, and field work. Five times a week for six weeks. Mr. OLIVE and assistants.

Geology.

☞ S1. Elementary course. Lectures, laboratory, and field work. Five times a week for six weeks. Professor SHALER and Mr. WOODMAN.

☞ S3. Advanced field work. Professor SHALER and others.

Geography.

Lectures, laboratory, and field work. Five times a week for six weeks. Mr. H. T. BURR, assisted by Mr. F. M. WILDER.

Physical Training.

Elementary and advanced courses in theory and practice. Five weeks. Dr. D. A. SARGENT and assistants.

Historical Excursions.

Historical Excursions. One lecture and seven excursions. Mr. W. E. DORMAN, assisted by Mr. G. NEWHALL.

* See note, p. 429.

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LECTURES, EVENING READINGS, CONCERTS, ETC., FOR 1901–02.

In addition to the Courses of Instruction named in the Announcement (see pp. 343–424), many lectures and readings are given each year under the auspices of the University, most of them open to the public. Last year were given the following: —

Six lectures by Professor CAMILLO VON KLENZE, as follows: —

The Evolution of the Nature-Sense in Literature from Homer to Dante.

The Evolution of the Nature-Sense in Literature from Dante to Tennyson.

The Evolution of the Nature-Sense in Painting: The Old Italian Masters. (Illustrated.)

The Evolution of the Nature-Sense in Painting: The Dutch Masters. (Illustrated.)

Goethe's Attitude towards Antiquity. Introductory: The Growth of Interest in Antiquity in the Eighteenth Century before Goethe.

Goethe's View of Antiquity.

Two Lectures. The Administration and Control of Streams used in Irrigation. The Nature of Titles to Water used in Irrigation. Mr. ELWOOD MEAD.

Lecture. The Work of the Zionist Association. Professor RICHARD GOTTHEIL.

UNIVERSITY LECTURE. Agricultural Coöperation in Ireland. Rev. J. O'DONOVAN, C. C., of Loughrea, Ireland.

Four lectures by Professor EDWARD A. ROSS, on "The Growth and Present Stage of the Literature of Sociology": —

The Building of Sociology. The Recent Tendencies of Sociology.
The Moot Points of Sociology. The Desiderata of Sociology.

Mathematical Lecture. The Theory of Screws. Sir ROBERT STAWELL BALL.

Lecture. Roman Costume. Professor M. R. SANFORD.

Reading of "Twelfth Night." Mr. HOWARD H. FURNESS.

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Three lectures under the auspices of the Committee of Students: —

Environment. (Illustrated.) Professor N. S. Shaler.

Landscape about Cambridge and Boston. (Illustrated.) Mr. F. L. Olmsted, Jr.

The History of Harvard College. (Illustrated.) Mr. W. C. Lane.

Three lectures on the history and traditions of Harvard in the past half century: —

Professor Charles Eliot Norton on "Harvard Recollections."

Hon. William Reed, '64, on "Harvard during the Civil War."

Mr. William Garrott Brown, '91, on "Some Distinguished Men and Some Great Occasions in the History of Harvard."

Four lectures (in French) on "La Prévoyance sociale en France," by Professor Léopold Mabilleau: —

Tableau des institutions de prévoyance sociale en France en 1900.

Le secours mutuel en France (15,500 sociétés et 2,600,000 adhérents).

Le problème des retraites ouvrières devant le Parlement et l'opinion.

La co-operation en France.

Under the auspices of the Cercle Français: —

A lecture on The Results of the Peace Conference at the Hague, by Le Baron d'Estournelles de Constant.

And the following lectures by M. Hugues Le Roux: —

Le Roman contemporain est-il une peinture exacte de la société française?

Flaubert, comme peintre de la France du Nord.

Daudet, comme peintre de la France provinciale du Midi.

Maupassant, comme peintre de l'instinct de la race.

Bourget, comme peintre de la société parisienne cosmopolite.

Zola a-t-il peint un côté général de l'humanité ou un aspect particulier de la société française?

Anatole France comme le liquidateur de la société bourgeoise sortie de révolution.

Tendances des jeunes romanciers.

Two lectures on the Construction of Geological and Geographical Diagrams, by Professor Davis: —

I. Block Diagrams. II. Shaded Diagrams.

Fifteen lectures on the History of Classical Studies, by Professor Morgan.

Address. The Study of Religions in the Nineteenth Century. Professor George F. Moore.

Six lectures on "Light from the Standpoint of the Electromagnetic Theory," by Dr. G. W. Pierce.

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Lecture. Exploration of a prehistoric Earthwork and Group of Altar Mounds in Ohio. Professor FREDERIC W. PUTNAM.

Three lectures by Dr. M. H. BAILEY, the Medical Visitor.

Lecture. The History of Vaccination and its relation to Small-pox. Dr. E. A. DARLING.

The Dudleian Lecture for the year was given by Professor JOSIAH ROYCE. The subject for the year is the last of the series of four subjects prescribed by the founder, Judge PAUL DUDLEY, in 1750, namely: "The proving, explaining, and proper use and improvement of the principle of natural religion, as it is commonly called and understood by Divines and Learned men."

Mr. COPELAND gave readings from "Peg Woffington," "The Critic," the Bible, Lowell, and from the biographies of Lowell by Dr. Edward Everett Hale and the late Horace E. Scudder. Two lectures on Wordsworth, and a lecture on Coleridge.

Annual meeting for Announcement of Academic Distinctions. The address was made by Hon. FRANCIS CABOT LOWELL.

The Harvard Teachers' Association held its Eleventh Annual Meeting. Subject, "Education, North and South."

The twenty-first series of Orchestral Concerts, ten in number, by the Boston Symphony Orchestra, was given in Sanders Theatre.

A series of Chamber Concerts by the Kneisel Quartet was given in Sanders Theatre.

A Concert of Danish Music, a gift from Mrs. EMIL C. HAMMER. The programme consisted of instrumental selections by the Kneisel Quartet, assisted by Mrs. BERTHA TAPPER, Pianist, and Danish folk-songs by Mrs. AAGOT LUNDE WRIGHT.

A concert by the Harvard Glee, Banjo, and Mandolin Clubs for the benefit of the Harvard Social Service Committee. Soloists: Mr. S. BAIRD, '03, vocal, and Mr. H. N. STRAUS, '03, 'cello.

At the meetings of the Seminaries and Conferences the following are among the subjects that were presented: —

At the Semitic Conference: —

The Sources of the First Book of Kings. Professor TOY.

The Military Organization of the Hebrews in the Time of the Early Kings. Mr. E. E. ATKINSON.

History of Solomon's Accession. Legends about Solomon. Dr. ORNE.

The Temple. Professor KELLNER.

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Solomon's Commerce. Dr. HAYNES.
Arab and Moab. Mr. J. I. GORFINKLE.
Traditions of Solomon's Wisdom: Canticles and Syrian Wedding-Songs. Mr. H. M. HUXLEY.
A Critical Study of 1 Kings xi, 1–13. Professor P. H. STEENSTRA, D.D.
The Religion of Jeroboam. Mr. H. W. FOOTE.
The Lying Spirit in Yahweh's Council. Professor M. L. KELLNER.
The Prophet Elijah in History and Legend. Professor TOY.

At the Modern Language Conference: —
Cato and Elijah. Professor GRANDGENT.
Calderon's "Life is a Dream," or how to write metaphysical poetry. Professor SANTAYANA.
The Development of the Short Story. Mr. W. M. HART.
The Werewolf's Tale. Professor KITTREDGE.
A Question in French Versification. Professor SHELDON.
Goethe's Predecessors in Italy. Professor VON KLENZE.
Spanish Influence on Molière. Mr. S. G. MORLEY.
A Question as to Monastery Schools. Mr. C. F. BROWN.

At the Seminary of Economics: —
The Rise of the Oil Monopoly. Mr. G. H. MONTAGUE.
The Conditions of Employment and Housing of South End (Boston) Factory Operatives. Mr. R. MORRIS.
Principles Underlying the Demarcation between Public and Private Industries. Mr. R. MORRIS.
Restriction of Municipal Gas and Electric Plants in Massachusetts. Mr. A. D. ADAMS.
Economic Conditions in Nicaragua. Dr. C. W. MIXTER.
Some Theoretical Possibilities of Protective Tariffs. Professor CARVER.
A Study of some Records of the Associated Charities of Boston. Mr. H. R. MEYER.
The Rise and Regulation of Municipal Gas and Electric Plants in Massachusetts. Mr. A. D. ADAMS.
Le Solidarisme social de M. Leon Bourgeois. Professor LÉOPOLD MABILLEAU.
A Review of the French and Italian Economic Journals. Professor RIPLEY, Dr. A. P. ANDREW, Mr. C. W. DOTEN, and Mr. R. F. PHELPS.
National Corporation Laws for Industrial Organizations. Mr. JAMES B. DILL.
The Budgetary System of Canada. Mr. R. C. MATTHEWS.
The Elements of Labor and Relief Departments in Railway Expenditure. Mr. A. L. HORST.
The Economics of Colonization. Professor E. A. ROSS.

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Elizabethan Mercantilism as seen in the Corn Trade. Mr. R. G. Usher.
The Present Position of Economics in Japan. Mr. Nobushiro Sakurai.
The Economic Theories of Josiah Tucker. Mr. Robert Morris.
Urban and Suburban Residence of South End (Boston) Factory Employés. Mr. R. F. Phelps.
The Recent History of the Standard Oil Monopoly. Mr. G. H. Montague.
State *v.* Local Control of the Boston Police. Mr. F. R. Cope.
The Laws regulating Muncipal Gas and Electric Plants in Massachusetts. Mr. A. D. Adams.

At the Seminary of American History: —
Foreign Commerce of the United States, 1783–1798. Mr. G. H. Roberts.
Government of California and New Mexico before Congressional Action. Mr. W. G. Leland.
Jefferson as a Politician. Mr. L. L. Burley.

At the Physical Colloquium: —
The Present Direction of Physical Research. Professor Trowbridge.
Electron Theory. Professor Hall.
Recent Researches in Polarization. Dr. C. H. Ayres.
Pressure of Light. Dr. G. W. Pierce.
Lord Rayleigh on the Induction Coil. Mr. G. A. Anderegg.

At the Harvard Mining Club: —
The Physical Geography and Future Commercial Importance of South Africa. Mr. John Hays Hammond.
Geological Field Methods used in a Mining District of Arizona. Dr. Jaggar.
The United Verde Mine and the Mineral Resources of the Bradshaw Mountains. Dr. Palache.

At the Mathematical Conference: —
Multiple Points on Harmonic Curves. Mr. E. A. Hook.
Generalized Poles and Polars. Mr. W. R. Ransom.
On the Invariants of a Homogeneous Quadratic Differential Equation of the Second Order. Mr. D. R. Curtiss.
Wiener's Theory of Displacements. Mr. C. M. Pasea.
Inversion in a Spherical Complex. Mr. W. H. Bussey.
Brilliant Points and Loci of Brilliant Points. Mr. W. H. Roever.
Moritz' Proof for the Transcendence of π. Mr. H. L. Blackwell.
Green's Theorem in one Dimension. Mr. Otto Dunkal.
Concerning the Solution of Cubic Equations. Mr. Field.
The Sufficient Condition for an Analytic Function. Mr. Curtiss.

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Peano's Mathematical Language. Dr. HUNTINGTON.
A Property of Fractions. Mr. STRATTON.
Approximate Construction for π. Mr. HOOK.
A Paradox on Incommensurable Numbers. Mr. W. R. RANSOM.
Geometrical Properties of Lines of Force. Mr. W. H. ROEVER.
The Logarithm as a Direct Function. Mr. J. W. BRADSHAW.

At the Geological Conference: —
Review of Spurr's "Origin of the Basin Ranges." Professor DAVIS.
Börnstein's "Leitfaden der Wetterkunde." Professor WARD.
Field Work in the Green Mountains. Professor WOLFF.
A Volcanic Plug in the Hudson River Valley. Professor J. B. WOODWORTH.
Lake Baikal and the Angara Outlet. Dr. R. B. DIXON.
Note on Specimens of Iron Ore from Lake Superior. Professor H. L. SMYTH.
Some Economic Aspects of the Heat and Drought of July, 1901, in the United States. Professor WARD.
Review of Johnson's "High Plains of Kansas, Colorado, and Texas." Professor DAVIS.
The Effect of Lava Flows on a Drainage System. Professor SHALER.
Some Examples of Ice-Modified Drainage in New York State. Mr. L. LAFORGE.
Elevated Beaches and Bars of the Port Kent District of Lake Champlain. Professor J. B. WOODWORTH.
A New Laccolith in Montana (review). Dr. T. A. JAGGAR.
A pseudo-leucite Tinguaite from Beemerville, N. J. Professsor WOLFF.
Development of a modern Coral in comparison with early Fossil Types. Professor R. T. JACKSON.
Modern Theories of the Hardening of Steel. Professor SAUVEUR.
Diplodocus (Marsh), and other Dinosaurs. Dr. C. R. EASTMAN.
The Effect of the Shore-lines upon Waves. Professor DAVIS.
The Harput Mountains in Central Asia Minor. Mr. E. HUNTINGTON.
Reconnaissance of the Coast Range of British Columbia. Dr. R. A. DALY.
The Origin of the White River Beds (review). Professor DAVIS.
Recent Changes in Coast Lines. Professor SHALER.
The Onyx Marble of Mayer, Arizona. Dr. PALACHE.
Distortion and Exaggeration in Map Projection. Mr. C. H. MORRILL.
Recent Progress in Experimental Geology. Dr. JAGGAR.
Gaspee Point; a Cuspate Foreland. Mr. R. M. BROWN.
The Physiography of the Argentine-Chilian Boundary. Professor W. M. DAVIS.

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Glacial Erosion. Reviews by Mr. J. W. GOLDTHWAIT, Mr. M. I. GOLDMAN, and Professor DAVIS.

Exploration and Geology of La Sal Mountains, Colorado. Mr. L. M. PRINDLE.

The San Francisco Mountains of Arizona. Mr. H. H. ROBINSON.

Notice of Professor Alpheus Hyatt and his Contributions to Science. Professor R. T. JACKSON.

A Raft Journey through the Canyon of the Euphrates. Mr. E. HUNTINGTON.

Yamasaki, an Earthquake Study in Japan. Professor DAVIS.

The Geology of Lynn and Nahant. Mr. J. W. GOLDTHWAIT.

The Geology of Malden and Saugus. Mr. D. C. BARD.

Notes on the Treadwell Gold Mine in Alaska. Dr. PALACHE.

Reconnaissance of the Geology of the Great Lakes of Northwest Canada. Mr. J. M. BELL, of the Geological Survey of Canada.

Notes on the Geology and Ore Deposits of Siberia. Mr. C. W. PURINGTON.

Notes on the Treadwell Gold Mine in Alaska. Dr. PALACHE.

Geology of Roxbury, Dorchester, and Milton. Mr. H. J. WISWELL.

Geology of Brookline, Hyde Park, and Mattapan. Mr. R. M. BROWN.

Some Errors in Map Reduction. Mr. C. H. MORRILL.

The Application of the Stereographic Projection to Geographical Maps and Sailing Charts. Professor S. L. PENFIELD.

The Unconformities in the Grand Canyon of the Colorado. Professor DAVIS.

Geology of Newton, Needham, and Dedham. Mr. DAVENPORT BROWN.

Note on Mineral Specimens from Ottawa, Canada. Dr. JAGGAR.

The Conditions of Volcanic Explosions. Professor SHALER.

The Drumlins of Massachusetts. Mr. EDISON LEWIS.

Summary of the Work in Geology 22 during the past year. Mr. L. LA FORGE.

Review of Papers on the Geology of the Caribbean. Professor J. B. WOODWORTH.

Open meetings of the Seminary of Classical Philology: —

On the diphthong *ei* in the Manuscripts of Plautus. Mr. A. R. ANDERSON.

Prayers to Nymphs in Inscriptions. Mr. F. G. BALLENTINE.

On the use of *quo pacto* in Latin Literature. Mr. H. L. CLEASBY.

On the assignment of rôles in the Manuscripts of the Aves. Mr. F. W. DOHERTY.

On the Trades and Occupations referred to in Plautus. Mr. C. B. RANDOLPH.

On the Verses of the Aves quoted by Suidas. Mr. E. CARY.

On Cooks in Greek Comedy. Mr. E. M. RANKIN.

On Puns in Plautus, with special reference to their bearing on orthography and pronunciation. Mr. E. B. T. SPENCER.

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At the Educational Conference: —

The Newton High School. Principal E. C. Adams.

The System of Schools in Chelsea. Mr. Walter H. Small, Superintendent of Schools, Chelsea.

Special Problems in Supervision. Mr. George H. Martin, Supervisor of Boston Schools.

The American Educational Problem. Mr. A. Winship.

Obstacles to Educational Progress. Professor Hanus.

Humanistic Views of Education. Mr. A. O. Norton.

Coöperation of Home and School. Mr. C. F. Carroll.

At the meetings of the various Societies and Clubs the following are some of the subjects that were presented: —

At the Harvard Engineering Society: —

Two lectures by Mr. F. W. Skinner. I. Cantilever Method of Bridge Erection. II. Shaft Sinking.

At the Harvard Anthropological Society: —

Ruins of the Decapolis in Eastern Palestine. Mr. H. M. Huxley.

The Ruins of Petra. Mr. H. M. Huxley.

The Evolution of Design in Primitive Art. Professor L. Farrand.

Totemism and Animism in the Light of Recent Research. Miss Alice C. Fletcher.

At the Classical Club: —

Lecture. A Decade of Excavation at Pompeii. Professor Francis W. Kelsey.

At the St. Paul's Society: —

Experiences of a Missionary in Africa. Rev. Fr. Powell, S. S. J. E. Rev. William B. Frisby.

At the Harvard Religious Union: —

Address. Rev. S. M. Crothers, D.D.

Revelation. Rev. Edward Hale.

Prophets and Prophesying. Rev. Francis Brown.

A Broader Platform for Religious Fellowship at Harvard. Dr. Charles Fleischer.

At the Harvard Social Service Service Committee: —

What Mr. Low can do in New York. Mr. Jacob A. Riis.

At the National Municipal League Meetings: —

Addresses by George W. Guthrie, Dr. Albert Shaw, Hon. E. A. Philbin, J. Horace McFarland, Professor J. H. Beale, President Eliot, Charles J. Bonaparte, Dr. Albert Shaw, Professor A. B. Hart, and Horace E. Deming.

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At the Harvard Christian Association: —

Foreign Missions. Mr. D. Brewer Eddy.

The Transforming Power. Mr. C. C. Sheffy.

Address by Professor J. W. Platner, of Andover.

Identity of Religion and Life. Mr. R. S. Wallace.

At the Harvard Political Club: —

University Settlements, and the Opportunity of entering Politics through these Settlements. Mr. Robert Hunter.

At the Harvard Social Service Committee: —

Conference on the Year's Work. Mr. Charles W. Birtwell. Addresses. Dr. Edward Everett Hale, Professor Francis G. Peabody, and workers in the different branches of the Work.

At the Club for the Study of the Liquor Problem: —

Wisdom and Unwisdom in Liquor Legislation. Mr. John Koren, Investigator for the Committee of Fifty.

The Last and Best News about the Liquor Problem. Mr. John Graham Brooks.

The Physiological Effects of Alcohol. Dr. E. A. Darling.

The Alcohol Question in the Schoolroom. Professor H. P. Bowditch.

The Gothenburg System. Mr. J. G. Thorp.

Bible Classes were conducted weekly in the Shepard Rooms, Phillips Brooks House, as follows: —

I. The Life of Christ. Messrs. B. J. Rowe, '05, and K. C. McArthur, '05, leaders.

II. The Life of St. Paul. Mr. H. C. Robbins, Yale '98, leader.

III. Old Testament Characters. Mr. W. W. Baker, '98, leader.

IV. The Teachings of Jesus and His Apostles. Mr. E. C. Carter, '00, leader.

V. The Conversations and Teachings of Jesus. Mr. O. G. Frantz, '02, leader.

VI. The Teachings of Jesus Christ. Rev. Paul Revere Frothingham, '86, leader.

Natural History Walks: —

The Plum Island Dunes.

Hough Neck, the Cambrian Fossil Localities, and the South Shore of Boston Harbor.

The Coal Measures of Massachusetts.

Newburyport, Plum Island, Ipswich Dunes.

Wachusett Mountain, Mass.

Nantasket, Cohasset, and the Islands of Boston Harbor.

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COLLECTIONS, LABORATORIES, PUBLICATIONS, CLUBS.

LIBRARIES.

Besides the general Library in Gore Hall, which is for the use of the whole University, the following special libraries are open to advanced students engaged in work of research in the several departments of study :—

SEMITIC STUDIES : Semitic Museum ; 1161 books. Professor Toy.

SANSKRIT : Warren House ; 921 books. Professor Lanman.

CLASSICAL PHILOLOGY : 3 Harvard Hall ; 3756 books. Professor Howard.

CHILD MEMORIAL LIBRARY (English) : Warren House ; 4350 books. Asst. Professor Gardiner.

LOWELL MEMORIAL LIBRARY (Romance Literature) : Warren House ; 1433 books. Professor Sheldon.

GERMAN : Warren House ; 538 books. Dr. Bierwirth.

FRENCH : Warren House ; 2456 books. Assoc. Professor de Sumichrast.

PSYCHOLOGY : Dane Hall ; 621 books. Professor Münsterberg.

SOCIAL QUESTIONS : Harvard Hall ; 853 books. Professor Peabody.

GENERAL HISTORY : Harvard Hall ; 2283 books. Professor Macvane.

AMERICAN HISTORY : Harvard Hall ; 891 books. Professor Hart.

ECONOMICS : Harvard Hall ; 1184 books. Professor Taussig.

EDUCATION (Works on Pedagogy, and Text-books) : Lawrence Hall ; 4196 books. Mr. A. O. Norton.

ARCHITECTURE : Nelson Robinson Jr. Hall ; 727 books. Professor H. L. Warren.

MUSIC : Holden Chapel ; 299 books. Professor Paine.

MATHEMATICS : 22 Sever Hall ; 509 books. Professor Byerly.

ENGINEERING : Pierce Hall ; 6244 books. Professor Hollis.

PHYSICS : Jefferson Physical Laboratory ; 395 books. Professor Trowbridge.

CHEMISTRY : Boylston Hall ; 1541 books. Professor Richards.

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MINERALOGY AND PETROGRAPHY: University Museum; 702 books. Professor Wolff.

BOTANY: Gray Herbarium, Botanic Garden; 8012 books. Professor B. L. Robinson.

PHANEROGAMIC BOTANY: University Museum; 710 books. Professor Goodale.

ZOÖLOGY AND GEOLOGY (Museum of Comparative Zoölogy): including the WHITNEY COLLECTION OF GEOLOGY AND GEOGRAPHY (6500 vols.): University Museum; 34,458 books. Mr. Henshaw.

ZOÖLOGY (Zoölogical Laboratories): University Museum; 273 books. Professor Mark.

GEOLOGY AND PALAEONTOLOGY (Geological Laboratory): University Museum; 119 books. Professor Shaler.

PHYSICAL GEOGRAPHY: University Museum; 524 books. Professor Davis.

ANTHROPOLOGY: Peabody Museum; 2766 books. Professor Putnam.

The above libraries contain also many pamphlets, maps, photographs, etc.

MUSEUMS, LABORATORIES, ETC.

Students who take courses involving laboratory work or the study of collections, or who are engaged in special research of an advanced character outside of the regular courses, may carry on such studies, under proper regulations, in the appropriate Museums and Laboratories.

The following is a list of the Museums and Laboratories which are available to suitably qualified students, under these conditions, with the names of their Curators or Directors. Some of them comprehend subdivisions, not here enumerated. Fuller information about the Museums and Laboratories may be found on later pages of the Catalogue.

SEMITIC MUSEUM: Divinity Avenue. Professor Lyon.

SANSKRIT COLLECTION (Sanskrit, Jaina Prākrit, and Pāli manuscripts, rubbings of inscriptions from the Açoka stone and Buddhist Stūpa of Bharhut, facsimile coins, photographs, stereopticon slides, etc.): Warren House. Professor Lanman.

CLASSICAL PHILOLOGY COLLECTION (maps, casts, stereopticon slides, photographs, facsimile coins, etc.): in various buildings.

PSYCHOLOGICAL LABORATORY: Dane Hall. Professor Münsterberg.

WILLIAM HAYES FOGG ART MUSEUM: Broadway. Professor Charles H. Moore.

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GRAY COLLECTION OF ENGRAVINGS: East room, Fogg Art Museum. Professor Charles H. Moore.

FINE ARTS DRAWING ROOM: 37 Sever Hall. Professor Charles H. Moore.

ARCHITECTURAL DRAWING ROOM: Nelson Robinson Jr. Hall. Professor H. L. Warren.

JEFFERSON PHYSICAL LABORATORY: off Kirkland Street. Professor Trowbridge.

ENGINEERING LABORATORY: Pierce Hall, Oxford Street. Professor Hollis.

ELECTRICAL ENGINEERING LABORATORY: Pierce Hall, Oxford Street. Asst. Professor Adams.

LABORATORY OF MINING AND METALLURGY: Rotch Building, Jarvis Street. Professor H. L. Smyth.

CHEMICAL LABORATORY: Boylston Hall. Professor H. B. Hill.

GEOLOGICAL MUSEUM AND LABORATORIES: University Museum, Oxford Street.

MINERALOGICAL MUSEUM AND LABORATORIES: University Museum, Oxford Street. Professor Wolff.

BOTANIC GARDEN: corner of Garden and Linnaean Streets. Professor Goodale.

GRAY HERBARIUM: Botanic Garden. Professor B. L. Robinson.

BOTANICAL MUSEUM AND LABORATORIES: University Museum, Oxford Street. Professor Goodale.

CRYPTOGAMIC HERBARIUM: University Museum, Oxford Street. Professor Farlow.

MUSEUM OF COMPARATIVE ZOÖLOGY AND LABORATORIES OF NATURAL HISTORY: University Museum, between Oxford Street and Divinity Avenue. Dr. W. McM. Woodworth.

PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY: Divinity Avenue. Professor Putnam.

Graduate Students taking the courses offered to them at the Medical School are admitted to the laboratories in which those courses are carried on. In special cases, and by arrangements made beforehand in each case, Graduate Students may carry on studies at the Bussey Institution of Agriculture and Horticulture or at the Astronomical Observatory.

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PUBLICATIONS.

Some Departments of study issue periodicals or yearly volumes, embodying the work of instructors and students at the University. Other Departments make regular contributions, under an official heading, to the proceedings of certain learned societies or to journals of literature and science, existing outside of the University. The publications of the first class and those of the second which are also issued directly by the Departments are the following; including a few which, although connected with studies cultivated by the Faculty of Arts and Sciences, are independent of that Faculty: —

HARVARD ORIENTAL SERIES (Indic Philology Department): Vols. I–IV issued. Vol. V in press.

HARVARD STUDIES IN CLASSICAL PHILOLOGY (yearly): Vols. I–XIII issued. Vol. XIV in preparation.

STUDIES AND NOTES IN PHILOLOGY AND LITERATURE (Modern Language Departments): yearly. Vols. I–VII issued.

HARVARD HISTORICAL STUDIES: published under the direction of the Department of History and Government, from the income of the Henry Warren Torrey Fund. Vols. I–IX issued.

QUARTERLY JOURNAL OF ECONOMICS: in its seventeenth year.

ANNALS OF THE OBSERVATORY OF HARVARD COLLEGE: forty volumes issued.

ANNALS OF MATHEMATICS, NEW SERIES, issued quarterly under the management of the Division of Mathematics: in its fourth year.

CONTRIBUTIONS FROM THE CRYPTOGAMIC LABORATORY: fifty-three numbers issued.

PUBLICATIONS OF THE MUSEUM OF COMPARATIVE ZOÖLOGY: — BULLETIN, thirty-seven volumes issued; MEMOIRS, twenty-four volumes issued.

CONTRIBUTIONS FROM THE ZOÖLOGICAL LABORATORY: one hundred and thirty-five numbers issued. (Some of the contributions are also contained in the Museum Bulletin.)

PUBLICATIONS OF THE PEABODY MUSEUM OF AMERICAN ARCHAEOLOGY AND ETHNOLOGY: — ANNUAL REPORTS, thirty-five numbers issued; PAPERS, seven numbers issued; MEMOIRS, seven numbers issued.

The HARVARD GRADUATES' MAGAZINE, issued quarterly, and now in its eleventh year, gives a record of the current life and work of the University, biographical and bibliographical data regarding Graduates, besides articles on other matters of general interest.

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CLUBS.

Important work is done by students in Clubs which exist in more or less close connection with the several Departments of study, and meet frequently. These organizations, concerning which detailed information is given in the Departmental Pamphlets or may be obtained from instructors, include the following: —

SANSKRIT CONFERENCE: fortnightly in the second half-year.
CLASSICAL CLUB: fortnightly.
MODERN LANGUAGE CONFERENCE: fortnightly.
DEUTSCHER VEREIN: fortnightly.
CERCLE FRANCAIS: fortnightly.
PHILOSOPHICAL CONFERENCE: monthly.
HARVARD PEDAGOGICAL CLUB: fortnightly.
HARVARD MEMORIAL SOCIETY.
HARVARD FOLK-LORE SOCIETY.
HARVARD MUSICAL CLUB: fortnightly.
HARVARD PHYSICAL CLUB: twice in three weeks.
HARVARD CHEMICAL CLUB: fortnightly.
BOYLSTON CHEMICAL SOCIETY: fortnightly.
BOTANICAL CONFERENCE: fortnightly.
BOTANICAL CLUB: fortnightly.
ZOÖLOGICAL CLUB: weekly.
HARVARD NATURAL HISTORY SOCIETY: bi-monthly.
HARVARD ENGINEERING SOCIETY: monthly.

To these are to be added the Semitic Conference, the Mathematical Conference, the Physical Colloquium, and the Geological Conference (see Announcement), which have something of the character of clubs.

Besides the above named clubs, existing for purposes of special study and discussion, there are organized in the University many societies having religious, ethical, political, literary, musical, and social objects. The GRADUATES' CLUB, maintained by students in the Graduate School, may be especially mentioned. Its circular may be obtained on application.

For a record of portions of the work of the seminaries, conferences, and clubs, during the year 1902–03, see pages 433–439.

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REGULATIONS CONCERNING THE CHOICE OF STUDIES.

The Courses of Instruction named in the Announcement (pp. 343–424) are provided by the Faculty of Arts and Sciences for all the students under its charge, whether registered in Harvard College, in the Lawrence Scientific School, or in the Graduate School; and a student in any one of these departments makes his choice of studies according to the regulations of the department to which he belongs. (See below.)

A student in regular standing in any department of the University not under the charge of the Faculty of Arts and Sciences may, under a standing vote of the Corporation, obtain admission to any course offered by that Faculty, provided it be not a laboratory course, or necessarily limited in numbers, by presenting to the Dean of the Faculty of Arts and Sciences an application, on an official blank, certified by the Dean of the department in which the student is registered, and by giving satisfactory evidence of qualification for the course to the instructor who conducts it. A student in regular standing in Harvard College, the Lawrence Scientific School, or the Graduate School may obtain admission to a course offered in any other department of the University by presenting an application to the Dean of that department in similar form, and giving to the proper instructor satisfactory evidence of qualification.

No student is admitted to any course offered by the Faculty of Arts and Sciences, unless he has fulfilled all the requirements for that course as stated in the Announcement, or otherwise satisfies the instructor that he is prepared to pursue it.

Every student must make his election so as to avoid conflict between the hours appointed for recitations or examinations in the courses which he chooses. No student will be examined in two courses of the same examination group, excepting half-courses not given in the same half-year, and a few courses specially mentioned in the Announcement.

The courses *primarily for Undergraduates* are open also to Graduate Students, and are sometimes recommended to such students; but they are not ordinarily counted towards the degree of Master of Arts.

The courses *for Undergraduates and Graduates* are, under certain limitations, which are named in notes attached to the courses in the Announcement, open to any properly qualified student. But no starred (*) course may be taken by any student without the *previous consent* of the instructor.

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The courses *primarily for Graduates* are open to properly qualified Graduate Students; but Graduate Students are advised to consult the instructors before making their election. *No College or Scientific student* is admitted to any course of this group except on the written *recommendation* of the instructor. The Courses of Research and Seminary Courses may not be taken *by any student* without the *previous consent* of the instructor; and an undergraduate may not take in one year *more than one* Course of Research or Seminary Course.

Every student in Harvard College or the Lawrence Scientific School is required to enroll himself at the first meeting of each of his courses, whether prescribed or elective.

HARVARD COLLEGE.

Every undergraduate of Harvard College is required to hand in, on the first Saturday of the academic year, between 9 A.M and 2.30 P.M., at a place to be announced each year on the bulletin boards, a list of his studies, both prescribed and elective, *for the whole year*. The list must be written on a card provided for the purpose; and, if the student is a Freshman or a Special Student, it must be signed by his adviser. *Additional* studies should be included in the list; but *extra* studies are not to be included (see p. 449).

At the same time and on the same card, every College student is required to enroll himself in each study to be pursued by him, whether prescribed or elective, which begins in the first half-year.

Every student is required in choosing his studies to conform to the general rules for all students, laid down above. The further rules affecting the choice of studies by students of the different College classes follow below.

It is important that the student should have fully considered and decided upon his plan of study before the first Saturday of the academic year, as changes from the lists first handed in are not allowed except for causes which could not have been foreseen. A change may be made only with the written consent (given on a blank form to be obtained at the Recorder's office) of the instructor whose course the student wishes to enter, and in the case of a Freshman or a Special Student with the approval of his adviser. Notice of the proposed change must be given at the Recorder's office; and the Recorder's certificate that the change involves no infringement of College rules must be obtained.

When a student has obtained leave to make a change in his studies, he must enroll himself at the first exercise after his admission to the new course.

Students are strongly urged to choose their studies with the utmost care, under the best advice, and in such a manner that their studies from first

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to last may form a rationally connected whole. It is believed that any plan of study, deliberately made and adhered to, is more profitable than studies chosen from year to year, without plan, under the influence of temporary preferences.

It will be seen that students who prefer a course like that prescribed by many colleges may secure it by a corresponding choice of studies; while others, who have decided tastes, or think it wiser to concentrate their study on a few subjects, obtain every facility for doing so.

Undergraduates who intend to study Engineering after graduation are advised to consult the Professor of Engineering with reference to the best courses for them to take in College. Those who intend to study Architecture are advised to consult the Professor of Architecture. To those who intend to study Medicine the Medical Faculty recommends Biology, Anthropology, Chemistry, Physics, French, and German. To those who intend to study Law the Law Faculty recommends Latin, French, Themes and Forensics, Elocution, Oral Discussion, Rhetoric, Logic, Ethics, Political Economy, Constitutional and Legal History, the History of Institutions, and International Law.

Freshmen.

Prescribed Studies.

Rhetoric and English Composition. (English *A*.) *Three times a week.*

Prescribed for those who have not passed the admission examination, (*b*) English, described on page 309, or have not anticipated the study by either of the two methods described on pages 309 and 330.

German *or* French (German *A* or *B*, or French *A*); prescribed for those only who have not presented both German and French for admission. *Three times a week.*

Elective Studies.

In addition to the prescribed studies named above, every Freshman for whom German or French is prescribed is required to take elective studies amounting to *three full courses;* and every other Freshman is required to take elective studies amounting to *four full courses.* No Freshman may elect more than two courses in the same study except by special permission of the Dean of Harvard College.

The courses named in the following list are *regularly open* as elective studies to Freshmen, provided the requirements for the courses chosen have been satisfactorily fulfilled. These courses and the courses prescribed for Freshmen are indicated by heavy-faced type in the table of Hours and Examination Groups (pp. 422, 423). Many of the courses in this list are *especially designed for Freshmen.*

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A Freshman may obtain admission to any course not in the following list by satisfying the instructor in such course that he is qualified to pursue it and presenting at the Recorder's office *the written permission of the instructor.*

Elective Courses regularly open to Freshmen.

Greek *G*, *A*, *B*, *E* (half-course).
Latin *A*, *B*, *E* (half-course).
English 28 (half-course); and to those who have anticipated English *A*, any course in English is open, on the same terms as to Sophomores.
German *B* (equivalent to German *A* and a full course of elective work), *C*, 1*a*, 1*b*, 1*c*, *F* (half-course), 2*a*, 2*b*, 3, 4.
French 1*b*, 1*a*, 2*c*, 2*a*, 3 (half-course), 4 (half-course).
Italian 1, *or* Spanish 1. (Both of these cannot be taken in the same year.)
History 1.
Government 1.
Economics 1.
Philosophy 1*a*, 1*b*.
Fine Arts 1.
Music 1.
Mathematics *F*, *A* (half-course), *B* (half-course), *C*, *D* (half-course), *E* (half-course).
Engineering 3*a*, 4*a*.
Physics *B**, *C*, 1.
Chemistry 1.
Botany 1 (half-course).
Zoölogy 1 (half-course).
Geology and Geography *A* (half-course), *B* (half-course), 4 (half-course), 5 (half-course).
Mineralogy 2.

No study presented in satisfaction of the requirements for admission may be counted as College work. A student who has failed at his admission examinations in any study taught in College may make good the deficiency either by taking the corresponding course as an *additional study* (see below), or by merely passing the mid-year and final examinations in the course, provided that in the latter case he give notice of his intention one month in advance. (In laboratory courses, however, the second plan is impracticable.)

* Physics *B*, if taken by a student having an admission condition in Elementary Physics, cannot be counted towards the degree of A.B.

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☞ Admission conditions must be removed before the beginning of the Junior year.

The Administrative Board of the College may require Freshmen who have failed of promotion to make up their admission conditions before returning to College.

Advisers of Freshmen.

The Freshman class is placed under the special charge of a Committee of the Faculty, each member of which acts as Adviser to a certain portion of the class. *Every Freshman is required to submit his choice of studies to his Adviser at or before the beginning of the year;* and his work is to be carried on under the supervision of that officer. He may consult his Adviser upon any subject relating to his College life.

Sophomores, Juniors, and Seniors.

No study is regularly prescribed in the Sophomore, the Junior, or the Senior year; but students who have received Grade *D* in English *A*, and students who have passed an examination in Rhetoric, Composition, and Literature with a grade lower than *B*, or the new combined examination in admission English and Freshman English with a grade lower than *C*, are required to take, before the end of the Sophomore year, a half-course in English Composition in addition to their regular elective work.

Every Sophomore, Junior, or Senior is required to take *four elective courses* or an equivalent amount of courses and half-courses. Without permission from the Dean of Harvard College, he shall take not less than the equivalent of three complete half-courses during either half-year.

Additional and Extra Studies.

A student whose record of work performed is complete at the beginning of any year may take elective studies in excess of the amount required to the extent of one course in his Freshman year, and of two courses in any subsequent year.* In each study pursued under this provision, the student assumes the same responsibility, and is entitled to the same privileges, as if his work were limited to the required amount. He may, however, at any time withdraw from any study which he is pursuing in excess of the required amount, by giving written notice to the Recorder.

A study taken in addition to the required amount, under this provision, as a part of a student's regular work, is called an *Additional Study*.

A student who wishes, without assuming all the responsibilities of a regular study, to attend the instruction in any course may do so on obtain-

* It is understood that no student shall take more elective work than the equivalent of six complete half-courses during either half-year; and for the purposes of this rule prescribed studies shall be counted like elective studies.

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ing leave of the instructor; but no record will be kept of his attendance, and he will receive no credit in the College books for work done in the course. A course so taken is called an *Extra Study*.

Deficiencies.

A student whose record is deficient at the beginning of any year is expected to pursue during that year such studies, in addition to those otherwise required, as may be necessary to make up the deficiency, or such part of the deficiency as the Dean of Harvard College may determine, in accordance with the Regulations; and these studies will be treated in all respects as part of his regular work. With the consent of the Dean of Harvard College, he may take Additional Studies beyond the amount necessary to make up his deficiency, under the conditions stated above.

A student wishing to make up a deficiency in a prescribed course by passing *the mid-year and final examinations* in that course must give the Recorder notice *before December 20* of his intention to take the examinations.

Special Students.

For all the regulations which relate to Special Students, see pages 336–338.

LAWRENCE SCIENTIFIC SCHOOL.

For information concerning the courses prescribed for or open to students in the Lawrence Scientific School, reference should be made to the account of the studies pursued in that School, given on pages 452–458.

GRADUATE SCHOOL.

Every Resident Student in the Graduate School is required to file a *list of his studies* for the year (or at least for the first half-year), at the time he registers, with the officer in charge of the registration, — or within two days thereafter, at the office of the Dean of the Graduate School. If he subsequently wishes to make any change in his studies, he must file written notice of his wish at the Dean's office, and must obtain the assent of the Dean.

All the Courses of Instruction offered by the Faculty of Arts and Sciences are open to students in the Graduate School, provided they are properly qualified to pursue them by their previous training; but courses *primarily for Undergraduates* are not ordinarily counted towards the degree of A.M.

A complete year's work for a Resident Student in the Graduate School, when made up of courses of instruction, consists of four full courses of advanced grade, pursued with high credit throughout an academic year, or of equivalent work in courses and half-courses.

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Special study of an advanced character, whether done in connection with any course or courses of instruction, or carried on outside of the courses, may be counted as a part or the whole of the *year's work* of a Graduate Student. In order that it may be so counted, the student should enter it in his list of studies, which he files at the beginning of the year at the office of the Dean of the Graduate School, with a statement of the weight it is designed to have in his year's work; and this entry should be followed by the signature of an instructor, who thereby expresses his approval of the special study proposed by the student, and undertakes to supervise it during the academic year, and to report upon it at the close of the year.

The Courses of Research and Seminaries, for students who wish to do special work of an advanced character, are carried on under various plans of administration in the several Divisions and Departments, but always with the object of affording opportunity for systematic independent study.

The Conferences and Clubs, several of which have purposes similar to those of the Courses of Research and Seminaries, are valuable auxiliaries of the Departments.

The requirements to be fulfilled by a Graduate Student who wishes to be a candidate for a degree are stated elsewhere. (See pp. 469 ff.)

The degrees of Ph.D. and S.D. rest on no enumeration of courses or record of merit in class work. Candidates for those degrees are required to have pursued advanced studies, suitable in character and amount to be accepted as preparation for the degree sought. These studies must occupy two or three years beyond the time devoted to more elementary studies; and at least *one complete year's work in residence at the University* is required.

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STUDIES OF THE LAWRENCE SCIENTIFIC SCHOOL.

Instruction is given in the Lawrence Scientific School in the following twelve programmes of study, and every student in the School must be registered in one of these programmes: —

1. Civil and Topographical Engineering.
2. Mechanical Engineering.
3. Electrical Engineering.
4. Mining and Metallurgy.
5. Architecture.
6. Landscape Architecture.
7. Chemistry.
8. Geology.
9. Biology.
10. Anatomy and Physiology.
11. For Teachers of Science.
12. General Science.

These programmes are composed chiefly of courses of instruction selected from the list provided by the Faculty of Arts and Sciences (see pp. 343–424). The courses of study in several of the programmes are prescribed, but in some programmes options are allowed, while in 11 and 12 the work is elective after the first year.

The studies of the first two years are chiefly such as belong naturally to the undergraduate period; and many of these are the same in all programmes. Courses in English, German, and French are required in all programmes; the courses prescribed in German and French being governed by the student's choice of studies offered for admission.

The last two years are largely devoted, in most programmes, to advanced studies having a close relation to professional work.

The lists of courses for 1902–03 in the several programmes are stated below. A fuller statement of these programmes, with detailed accounts of the courses of study, will be found in the special announcement issued by the Scientific School, and in the announcements issued by the several Divisions and Departments. Copies of these may be obtained by application to the Secretary of the School.

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Degree of S.B.

The degree of Bachelor of Science will be conferred on the student who (*a*) satisfies the admission requirements of the School and (*b*) completes satisfactorily one of the following programmes of study. The programme in which the degree is taken will be specified in the diploma.

PROGRAMMES OF STUDY.

1. Civil and Topographical Engineering.

Students of Civil Engineering are advised to take in addition to this programme the Shopwork Courses, Engineering 10*a*, 10*b*, 10*c*, 10*e*.

Engineering 4*a*, 4*c*, and 4*d* are preferably taken at the close of the First Year, but may be taken during a subsequent summer with the consent of the Chairman of the Division of Engineering.

First Year. Engineering 1*a*; 1*b*; 1*d*; 3*a*; 4*a*; 4*c*; 4*d*. Physics *B*.* Chemistry 1. English *A*. One full course in German or French.

Second Year. Engineering 1*c*; 3*b*; 3*d*; 5*b*; 5*d*; 11*a*. Physics *C* or Physics 1. English *BC*.

Third Year. Engineering 5*a*; 6*a*; 12*b*; 13*a*; 14*a*; 16*a*; 18*a*. *Optional:* Engineering 1*f*.

Fourth Year. Engineering 4*e*; 5*c*; 6*c*; 6*d*; 7*a*; 8*a*; 21; 22. Geology 4; 5.

2. Mechanical Engineering.

Students of Mechanical Engineering are advised to take in addition to this programme at least Course 4*a* of the Surveying Courses, Engineering 4*a*, 4*c*, and 4*d*.

Engineering 10*a*, 10*b*, 10*c*, 10*e* are preferably taken at the close of the First Year, but may be taken during a subsequent summer with the consent of the Chairman of the Division of Engineering.

First Year. Engineering 1*a*; 1*b*; 1*d*; 3*a*; 10*a*; 10*b*; 10*c*; 10*e*. Physics *B*.* Chemistry 1. English *A*. One full course in German or French.

Second Year. Engineering 1*c*; 3*b*; 3*d*; 5*b*; 5*d*; 11*a*. Physics *C* or Physics 1. English *BC*.

Third Year. Engineering 5*a*; 6*a*; 12*b*; 13*a*; 14*a*; 16*a*; 18*a*. *Optional:* Engineering 1*f*.

Fourth Year. Engineering 5*c*; 12*a*; 12*c*; 13*b*; 14*b*; 21; 22.

* Required of those who do not pass in Elementary Experimental Physics for admission.

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3. Electrical Engineering.

Students of Electrical Engineering are advised to take in addition to this programme at least Course 4*a* of the Surveying courses, Engineering 4*a*, 4*c*, and 4*d*.

Engineering 10*a*, 10*b*, 10*c*, and 10*e* are preferably taken at the close of the First Year, but may be postponed till a subsequent summer with the consent of the Chairman of the Division of Engineering.

First Year. Engineering 1*a*; 1*b*; 1*d*; 3*a*; 10*a*; 10*b*; 10*c*; 10*e*. Physics *B*.* Chemistry 1. English *A*. One full course in German or French.

Second Year. Engineering 1*c*; 3*b*; 3*d*; 5*b*; 5*d*; 11*a*. Physics *C* or Physics 1. English *BC*.

Third Year. Engineering 5*a*; 6*a*; 12*b*; 13*a*; 16*c*. Physics 3. *Optional:* Engineering 1*f*.

Fourth Year. Engineering 16*d*; 16*e*; 16*f*; 17*a*; 17*b*; 21; 22. Physics 4.

4. Mining and Metallurgy.

Candidates expecting to take this programme are advised to offer both French and German, and Experimental Physics for admission.

Students in Harvard College who intend after graduation to study for the degree of Bachelor of Science in Mining and Metallurgy are advised, as far as possible, to anticipate the elementary work in Mathematics, Engineering, Geology, and Chemistry.

First Year. Engineering 1*a*; 1*b*; 1*d*; 3*a*. Physics *B*. Chemistry 1. English *A*. One full course in a Modern Foreign Language.

Second Year. Engineering 1*c*; 4*a*; 4*c*; 4*d*; 5*b*; 5*d*; 11*a*. Physics *C* or Physics 1. Chemistry 3. Geology S 1 *or* Geology 4 *and* 5. English *BC*.

Third Year. Mining and Metallurgy 1; 6; 9; 10; 12. Mineralogy 2. Geology 10. Engineering 5*a*; 16*a* (first half-year only).

Fourth Year. Mining and Metallurgy 2; 3; 4; 5. Engineering 13*a* and two elective courses to be approved by the Department.

5. Architecture.

This programme is arranged to be completed in four years, but students are advised to take five years unless they have anticipated some of the work of the First Year.

Candidates who wish to register in this programme are strongly advised to offer the History of Greece and Rome, and Freehand Drawing for admission. It will be found advantageous, also, to offer at least two of the following subjects: English *A*, Advanced French, Advanced German, Elementary Physics.

* Required of those who do not pass Elementary Experimental Physics for admission.

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FIRST YEAR. Architecture 1*a*; 2*a*. Fine Arts 1. Engineering 1*b*; 1*d*. Physics *B*†. English *A*. One full course in German or French¶.

SECOND YEAR. Architecture 1*b* or 1*c**; 3*a*; 4*a*. Engineering 3*b*; 3*e*; 5*b*; 5*d*. English *BC*. One full course in German or French¶.

THIRD YEAR. Architecture 1*b* or 1*c**; 3*b*; 4*b*; 5; 7. Engineering 8*a*. Mineralogy 3.

FOURTH YEAR. Architecture 3*c*; 4*c*; 6. Engineering 22. The equivalent of two courses selected from the following: Fine Arts 2‡, 3, 4‡ or 20. Greek 10 or Latin 10*. Philosophy 10. Engineering 7*a*; 12*c*.

6. Landscape Architecture.

FIRST YEAR. Fine Arts 1. Architecture 1*a*; 2*a*. Engineering 1*b*. Botany 1. English *A*. One full course in German or French.

SECOND YEAR. Landscape Architecture 1. Fine Arts 2. Architecture 1*c*§ *or* Geology *A and B*; Architecture 4*a*. Horticulture 1*a*; 1*b*. Engineering 4*a*. English *BC*. *Optional:* Agricultural Chemistry.

THIRD YEAR. Landscape Architecture 2. Architecture 3*a*. Geology *A* and *B*, *or* Architecture 1*c*§. Horticulture 2. Geology 4; 5. Engineering 4*e*. *Summer work in the Study of Plants.*

FOURTH YEAR. Landscape Architecture 3. Horticulture 3. Architecture 3*b*. Engineering 6*c*; 8*a*; 22. Thesis.

7. Chemistry.

Candidates who wish to register in this programme are strongly advised to offer Experimental Physics and Chemistry for admission.

FIRST YEAR. Chemistry 1. Engineering 1*a*; 1*b*; 3*a*. English *A*. One full course in German or French.

SECOND YEAR. Engineering 1*d*. Chemistry 2; 3; 4. Physics *C* or Physics 1. English *BC*. One full course in German or French.

THIRD YEAR. Engineering 1*c*. Chemistry 5; 8; 9; 10. One elective course chosen under the direction of the Division from the list given under the Fourth Year.

FOURTH YEAR. Chemistry 6; 11. Three courses of electives chosen under the direction of the Division from the following list: —

Chemistry 7; 12; 13; 14; 20*a*; 20*b*; 20*c*; 20*d*; 20*e*. Engineering 3*b*; 11*a*; 12*b*; 13*a*; 16*a*. Physics 3; 6*a*; 6*b*. Botany 1; 2; 6. Zoölogy 1; 2. Geology 4; 5. Mineralogy 2; 7; 8. Mining 2; 3; 7; 9; 10.

* Offered in alternate years.
† For those who do not pass in Elementary Experimental Physics for admission.
‡ Fine Arts 2 and 4 cannot both be counted for the degree.
§ This course is given in alternate years.
¶ Students who have passed both Advanced French and Advanced German for admission are exempted from further study of these languages.

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8. Geology.

The studies composing this programme are designed to furnish a special training for students who wish to prepare themselves for duty in Government Geological Surveys or for teaching. These studies may, on special application to the Administrative Board of the School, be varied to meet the wants of individual students beyond the limits indicated in this programme. Students who design entering the School in the autumn of any year are advised to take the Summer Course in Elementary Geology, Geology S1, which is regarded as the equivalent of Geology 4 and 5.

First Year. Engineering 1*a*; 1*b*; 1*d*; 3*a*. Physics *B*.* Chemistry 1. English *A*. One full course in German or French. Geology S1 recommended.

Second Year. Geology *A*; 4†; 5†. Mineralogy 2. Physics *C* or Physics 1. Zoölogy 1. Botany 1. Engineering 4*a*. English *BC*.

Third Year. Geology 6 or 7; 8; 11. Mineralogy 12. German 1*c*, or a course in French more advanced than French *A*, if not taken before.

Fourth Year. Geology 10; 15; 22. And two additional courses approved by the Department of Geology.

9. Biology.

First Year. Botany 1; 2. Zoölogy 1; 2. Geology *A*; *B*. Physics *B**. English *A*. One full course in German or French.

Second Year. Botany 3. Zoölogy 3. Chemistry 1. Physics *C* or Physics 1. English *BC*. One full course in German or French.

Third Year. Botany 4 *or* 6. Zoölogy 4. Geology 4. Chemistry 3. One and one-half courses elective — to be chosen from Zoölogy 5, 9, 9*a*, 10, 11, 13, 15, 16; Geology 5; Botany 5; French 1*c*; Physics 2; Chemistry 5; Philosophy 1*a*.

Fourth Year.‡ Four courses or their equivalents are required.

The student is required to pursue some original investigation to the extent of at least two courses under the direction of one of the instructors in the Department of Botany or Zoölogy. During the first week of the year he must arrange with his special instructor the plan of study which he proposes. At the end of the year he must present a thesis giving the

* Physics *B* may be omitted by students who have passed in Elementary Experimental Physics for admission.

† If not anticipated by Geology S1.

‡ If Botany 4 is taken in the third year Botany 6 must be taken in the fourth year.

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results of his studies. The courses in which research can be conducted are Botany 20*a*; Botany 20*b*; Zoölogy 20*a*.

The remainder of fourth year work is elective and must be chosen from the elective list of the Third Year.

10. Anatomy and Physiology.

Students who intend to enter the Medical School may take the prescribed first year work of that School in satisfaction of the requirements of the fourth year laid down in this programme; they will thus be enabled to enter the second year class at the Medical School and graduate there in three years.

First Year. Physics *B**. Zoölogy 1. Botany 1. Chemistry 1. English *A*. One full course in German or French. One full course of elective study.

Second Year. Zoölogy 2. Botany 2. Physics *C* or Physics 1. Chemistry 3. English *BC*. One full course in German or French. And one full course of elective study.

Third Year. Hygiene 1. Zoölogy 3. Geology *B*. Philosophy 1*a*. One and one-half courses of elective study.

Fourth Year (*at the Medical School*). Anatomy. Physiology. Histology. Physiological Chemistry.

11. For Teachers of Science.

The work of the first year is prescribed. During each of the remaining three years the student must complete five courses, one of which must be a course in Education; the other four courses the student chooses for himself, but he must obtain his adviser's approval of his list of studies for each year.

A student who completes this course and passes the required examinations will receive the degree of Bachelor of Science, together with a certificate specifying the courses in Education which he has pursued.

First Year. Engineering 1*a*, 1*b*, 1*d*. Philosophy 1*a*. Physics *B** and Chemistry 1, or Physics *C*, or Physics 1. English *A*. One full course in German or French in addition to the admission requirements.

Second, Third, and Fourth Years.

During the second, third, and fourth years the student must complete five courses or their equivalent each year, to be chosen with the approval of his adviser, one course each year being selected from the courses in Education.

* Physics *B* may be omitted by students who have passed in Elementary Experimental Physics for admission.

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12. General Science.

The studies of the first year are prescribed. In the three subsequent years the studies must be chosen with the approval of some one Division of Science in the University and the work must be done under the supervision of this Division. For each of these three years five courses are required, and at least one of these courses each year must be taken in the supervising Division. In the fourth year, at the option of the supervising Division, a thesis may be substituted for one of the five required courses.

First Year. Engineering 1*a*; 1*b*; 1*d*; 3*a*. Physics *B* * and Chemistry 1, or Physics *C*, or Physics 1. English *A*. One full course in French or German in addition to the admission requirements.

Second†, Third, and Fourth Years.

During the second, third, and fourth years the student must take five courses or their equivalent each year, to be chosen with the approval of the supervising Division.

* Required of those who do not pass in Elementary Experimental Physics for admission.

† Students who pass English *A* with a grade lower than *B* are required to take English *BC* in their second year, in addition to the five elective courses.

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GRADES OF SCHOLARSHIP.

The standing of every student in each of his courses is expressed, on the completion of the course, according to his proficiency, by one of five grades, designated respectively by the letters *A*, *B*, *C*, *D*, *E*.

Grade *E* in any course denotes failure to fulfil the requirements of the course.

At the close of each academic year, a list of the courses given in that year under the authority of the Faculty of Arts and Sciences, and of all students who have attained Grade *A* or Grade *B* in any of those courses, is printed; the names for each of the two grades being arranged, for each course, in alphabetical order. This list is sent to the father or guardian of every student in Harvard College or the Lawrence Scientific School and to every student in the Graduate School, and may be obtained by other persons, on application. The complete record of each student's work (including notice of failure in any course) is sent, at the same time, to his father or guardian, or (in the case of students in the Graduate School) to the student himself.

Every student is required to satisfy the instructor in each of his courses, in such way and at such times as the instructor may determine, that he is performing the work of the course in a systematic manner. The instructor will provide tests, with sufficient frequency to give effect to this regulation, and will at once report to the Recorder the names of any students who have not satisfied him that they are doing their work systematically.

Any instructor, with the approval of the Dean of Harvard College, may at any time exclude from his course a College student who in his judgment has neglected the work of the course. Such exclusion shall be reported to the Administrative Board of Harvard College at its next meeting. A student who has been excluded from any course may be required to place himself under the direction of a person approved by the Dean of Harvard College.

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HONORS.

SECOND-YEAR HONORS IN THE CLASSICS AND IN MATHEMATICS.

Second-Year Honors of two grades — *Honors* and *Highest Honors* — are awarded by the Faculty of Arts and Sciences, on the recommendation of special committees of examiners; and the award is printed in the Rank List (see p. 459) and in the Annual Catalogue. These Honors are open to Sophomores, Juniors, and Seniors, and to Special Students after the first year; they are open to Freshmen and to first-year Special Students by special permission only.

Candidates for Second-Year Honors are required to register their names at the Recorder's office as early as *the first day of April* of the year in which they present themselves for examination. Candidates for Second-Year Honors in the Classics will designate at the same time which elective courses they intend to offer in order to make up the number required.

1. The Classics.

Second-Year Honors in the *Classics* are awarded on two conditions: (1) distinguished excellence in classical studies amounting to *four courses*; (2) distinction in special examinations. The special examinations test:

(*a*) The candidate's ability to translate Greek and Latin at sight. (The passages set for this purpose are taken from the following writers only: Homer, Aeschylus, Sophocles, Euripides, Aristophanes, Thucydides, Herodotus, Xenophon, Lysias, Plato, Demosthenes; Terence, Virgil, Horace, Ovid, Caesar, Cicero, Nepos, Sallust, Livy, Velleius Paterculus, Tacitus.)

(*b*) His ability to write Greek and Latin prose.

(*c*) His knowledge of Greek and Roman history, antiquities, and mythology; of Greek and Roman literary history, so far as it relates to the writers named above; and of Greek and Latin Grammar.

These special examinations are held within the ten days immediately preceding the Final Examinations.

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2. Mathematics.

Second-Year Honors in *Mathematics* are awarded on two conditions: (1) distinguished excellence in mathematical studies amounting to *four courses*, and approved as suitable by the Division of Mathematics; (2) distinction in a special examination.

The courses regularly approved as affording suitable preparation for Second-Year Honors in Mathematics are: —

(1) Course *F*, or Course *C*;
(2) Half-courses *D* and *E*, or *E* and *G*;
(3) Course 2;
(4) Course 3, Course 4, Course 5, Course 6, or Astronomy 3.

Substitutions for these courses may be allowed on special petition. But Course 2 or its equivalent is required of all candidates.

The admission examinations in Advanced Algebra and in Geometry (or Solid Geometry) will be accepted instead of Half-courses *D* and *E* respectively. Students admitted to College to advanced standing may, by special permission of the Division, become candidates for Second-Year Honors upon evidence of good work done elsewhere, without having taken all the four courses ordinarily required.

The special examination for 1902–03 will be upon Problems and Examples in Plane Analytic Geometry, and will be the same for all candidates.

The study of the examples contained in Salmon's Conic Sections, Chapters III, VII, and XIII, is recommended as a preparation for this examination.

The special examination will occupy at least two days, and will be held in the month of May, at dates to be announced hereafter.

HONORS AT GRADUATION (FINAL HONORS).

Honors of two grades — *Honors* and *Highest Honors* — are awarded by the Faculty of Arts and Sciences, with the degree * of Bachelor or Master of Arts, or Bachelor of Science, or, in case of Special Students with a Commencement certificate, for great proficiency in any of the following subjects: Semitic Languages and History; Indic Philology; the Classics; English; Germanic Languages and Literatures; Romance Languages and Literatures; History and Government; Political Science; Philosophy; Fine Arts; Music; Mathematics; Physics; Chemistry; Geology.

The qualifications required for Honors in the several subjects are stated below.

* Honors will be given to graduates not entitled to them at graduation who shall have complied with all the requirements for Honors within two years after graduation.

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1. Semitic Languages and History.

The candidate must have taken the equivalent of five courses, must have performed such additional work as may be required of him, and must pass satisfactorily an oral examination.

2. Indic Philology.

The candidate must have a knowledge of Greek at least equal to that required for passing the examination in Advanced Greek at admission and the examination in one elective course in addition, and must show a reading knowledge of Latin, German, and French. He must have taken the equivalent of five courses in Indic Philology. The courses entitled "Advanced Sanskrit" and "Advanced Pāli" may be taken and counted twice. An oral examination and a thesis are required.*

(In 1902 and 1903, but not thereafter, a candidate may, if he prefer, qualify himself for Honors in Sanskrit in accordance with the requirements stated in the Catalogue for 1900–01.)

3. The Classics.

The candidate must have taken the equivalent of six courses. He may count among the six one course in Sanskrit. Of the following courses he may count only one: Greek 10, Latin 10, History 17, History 18. He must be able to read ordinary Greek and Latin at sight and to write Greek and Latin prose; and must have taken Second-Year Honors in the Classics: but students admitted to College as Seniors, and students in their first year in the Graduate School who are candidates for the degree of A.M., may, on the recommendation of the Department of the Classics, upon evidence of good work done elsewhere, be admitted to candidacy without having taken Second-Year Honors, and may be excused from two of the six courses regularly required.

4. English.

The candidate must have taken elective work amounting to six courses, one of which must be a course in writing English. If he has not taken English 3[1], he must give evidence of his ability to read ordinary Anglo-Saxon prose. An oral examination and a thesis are required.*

Courses in Elocution and Courses in Oral Discussion are not counted for Honors in English.

5. Germanic Languages and Literatures.

The candidate must have a knowledge of Greek at least equal to that required for passing the examination in Elementary Greek at admission, must show a reading knowledge of Latin, German, and French, and must

* See p. 463, foot-note.

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present as his major subject either the English or the German language and literature, and as minor subject the one of these two not chosen as his major subject and either Germanic Philology or Comparative Literature. In the minor subject the requirements will include: for English, an outline knowledge of the history of the literature or of the history of the language, and a more detailed knowledge of some period of the literature; for German, a good knowledge of the classic period of modern German literature and ability to write in German a short theme on some subject connected with the works of German literature which the candidate has studied; for Germanic Philology, Gothic or Old High German or Icelandic; for Comparative Literature, an outline knowledge of mediaeval European literature. In the major subject the candidate must be able to write the language concerned with considerable readiness and correctness, and must have a somewhat detailed knowledge of the literature and of the history of the language, in such proportions as may be approved by the Division.

The candidate must present a thesis* on a subject approved by the Division, and must pass an examination, orally and in writing, on the general field covered by his studies.

No student will receive Honors who fails to attain distinction in work amounting to five courses selected from the following list: German 2*a*, 2*b*, 3, 4, *G*, *H* [the candidate shall not present more than the amount of two courses from among these]; all courses in German Literature and German Philology; English 3^1, 1, 2, 23, 11, 7, 8, 9, 19, 16, 3^2, 25, 4, 21, 26, 14, 15, 24, 20, 20*a*; Comparative Literature 2, 11, 12, 20*a*, 20*b*. The candidate's choice of courses must be presented for the approval of the Division of Modern Languages not later than *October 23* in his final year of preparation.

In special cases the substitution of equivalents for a portion of the requirements indicated above may be allowed.

6. Romance Languages and Literatures.

The candidate must have a knowledge of Greek at least equal to that required for passing the examination in Elementary Greek at admission, must show a reading knowledge of Latin, French, and German, and must present as his major subject the French or the Italian or the Spanish language and literature, and as two minor subjects the other two of these;

* The subject of the thesis, with the certified approval of an instructor, must be reported in writing at the Recorder's Office (No. 4, University Hall) not later than the first day of the second half-year. The thesis, which should not exceed 7,500 words in length, must be handed in at the same place on or before *May 20*.

Both the report and the thesis should be plainly addressed in the case of Sanskrit "To the Chairman of the Department of Indic Philology"; in the case of English "To the Chairman of the Department of English"; in the case of German or of Romance Languages and Literatures "To the Chairman of the Division of Modern Languages."

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but either Romance Philology or Comparative Literature, or both, may be substituted as minor subjects. If French, Italian, or Spanish is a minor subject, the candidate must be able to use easily books written in the language concerned, must show a mastery of grammatical principles by writing in it, and must also have an outline knowledge of the history of the literature; if Romance Philology is chosen as a minor subject, he must have a knowledge of old French or Provençal; if Comparative Literature, he must have an outline knowledge of mediaeval European literature. In the major subject the candidate must be able to write the language concerned with considerable readiness and correctness, and must have a somewhat detailed knowledge of the literature and an outline knowledge of the history of the language itself.

The candidate must present a thesis* on a subject approved by the Division, and must pass an examination, orally and in writing, on the general field covered by his studies.

No student will receive Honors who fails to attain distinction in work amounting to five courses selected from the following list: French 5, 6*c*, 6, 13, 14, 18, 7^1, 7^2, 8^1, 8^2, 9, 10, 17, 15, 16, 11, 12, 20*a*, 20*b* 20*c*; Italian 2, 3, 4, 10; Spanish 2, 3, 5; all courses in Romance Philology and in Comparative Literature. The candidate's choice of courses must be presented for the approval of the Division of Modern Languages not later than *October 23* in his final year of preparation.

In special cases the substitution of equivalents for a portion of the work indicated above may be allowed.

When Honors are awarded in either Germanic Languages and Literatures, or Romance Languages and Literatures, the major subject will be named in the diploma.

7. History and Government.

Not later than *October 10* of his final year of preparation, the candidate must present, for approval by the Division of History and Political Science, a plan of study, which shall comprise at least five courses, not elementary, selected from those offered under History and Government. (History 1 and Government 1 are counted for this purpose as half-courses only.)

Besides this minimum requirement, the candidate may indicate in his plan of study any further historical work done or to be done by him, the character and range of which will then be an element in determining the award of Honors.

Such work may, with the approval of the Division Committee, include courses of study of an historical character offered by other departments of the University.

* See p. 463, foot-note.

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On or before *May 15*, the candidate must present to the Chairman of the Division a thesis, which may also be counted as a part of his work in one or more courses; and he must pass an examination on the general field of his historical study, at such time thereafter as the Division may appoint.

8. Political Science.

The candidate must present for approval by the Division of History and Political Science, not later than *October 10* of his final year of preparation, a plan of study which shall comprise not less than five courses, not elementary, selected from those offered under History and Government and Economics, including at least one course in Economics, one in History, and one in Government. (History 1 and Government 1 are counted for this purpose as half-courses only.)

The candidate may also state in his plan of study further work in Political Science, which he desires to have considered in determining the award of Honors.

On or before *May 15*, the candidate must present a thesis, which may be counted as a part of his work in one or more courses; and he must pass an examination on the general field of his studies in Political Science, at such time thereafter as the Division may appoint.

9. Philosophy.

1. The candidate must have passed with distinction in Course 1*a* or 1*b*, in one Systematic Course, and in two other courses chosen from the advanced courses in Philosophy or from the Additional Courses of page 20 of the pamphlet of the Division of Philosophy; and he must have passed creditably in two courses selected from the list of Auxiliary Subjects (*ibid.*, p. 22).

2. He must pass a special examination in the outlines of the history of Modern Philosophy.

3. Either by special examination or by thesis, he must show a thorough acquaintance with the work of two philosophers, ancient or modern, whose lives are separated from one another by a considerable interval of time.

4. To prove his philosophic power, he must write at short notice a thesis on a topic drawn from that one of the Systematic Courses which he himself selects.

Candidates who have studied at other colleges may present equivalents for half the courses here prescribed.

10. Fine Arts.

Not later than October 10th of his final year of preparation the candidate must present for approval by the Committee on Honors and Higher

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Degrees in the Division of Fine Arts a plan of work which shall comprise at least five courses selected from those offered under Fine Arts, Architecture, and Landscape Architecture. Such work may, however, with the consent of the Committee, include courses of study bearing on the Fine Arts offered by other Divisions of the Faculty of Arts and Sciences. On or before May 15th, the candidate must present to the Chairman of the Division a satisfactory thesis, and he must pass an examination upon its subject-matter at such time thereafter as the Committee may appoint. The subject of the thesis must have been submitted to the Chairman of the Division for approval before the Christmas recess.

11. Music.

The candidate must have taken five courses, and must have passed all the examinations with distinction; he must also present original compositions in strict and free form.

12. Mathematics.

The candidate must have received Second-Year Honors in Mathematics, must have attained distinction in four advanced courses in addition to the courses counted for his Second-Year Honors, and must present a satisfactory thesis. Students admitted to College as Seniors, and candidates for the degree of A.M. in the Graduate School, may, on the recommendation of the Division of Mathematics, be admitted to candidacy for Honors without having taken Second-Year Honors, and may be excused from the four courses required for Second-Year Honors.

13. Physics.

The candidate must have taken four courses in Physics above the grade of those intended primarily for undergraduates. He must present a satisfactory thesis, and pass an examination in General Physics.

14. Chemistry.

The candidate must have taken five courses besides Course 8. Of Courses 2^1 and 5 only one may be counted. Mineralogy 2, 7^1, and 8^2 may be counted, but not both Chemistry 1 and Mineralogy 2. No student is accepted as a candidate for Honors unless he has passed in Courses 5 and 6; but both of these courses need not be presented among the five courses required.

15. Geology.

The Division of Geology includes the subjects of Geology proper, Geography, Meteorology, Palaeontology, Mineralogy and Petrography, Mining and Metallurgy, Economic Geology. The candidate must present

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his plan of study for approval by the Division not later than *October 10* of his final year of preparation. The student must attain distinction in work amounting to five full courses above the grade of those intended primarily for undergraduates. Zoölogy 9 may be counted; and Geology S 3 may be substituted for Geology 23.

General Regulations.

Every candidate for Honors must pass with distinction the regular examinations in the courses required of him; must pass, near the close of the Senior year, a special examination, conducted by a committee of the Faculty, to test the range and accuracy of his knowledge of the subject in which he offers himself for Honors; and must present such theses as may be called for.

Students who have failed to pass with distinction any of the examinations required for Honors may, with the consent of the Faculty, make up their deficiencies by passing such additional examinations as may be required of them; but no such permission is granted for failures occurring after the beginning of the Senior year. Grades attained in courses anticipated by examination are not counted towards Honors.

Every student who wishes to be regarded as a candidate for Honors at graduation must present a written application* to the Dean of the College before *November 1* in his Senior year. No application is granted without the written recommendation of the instructors in the Department or Division concerned.

HONORABLE MENTION AT GRADUATION.

Members of the graduating class of Harvard College and Special Students entitled to Commencement certificates, may receive Honorable Mention, in the Commencement programme and in the next Annual Catalogue, in one or more of the following studies: Semitic Languages; Indic Philology; Greek; Latin; English Literature; English Composition; German; French; Italian and Spanish; Romance Philology; Philosophy; History; Government; Economics; Fine Arts; Music; Mathematics; Engineering; Physics; Chemistry; Biology; Geology. The usual ground of Honorable Mention in any study will be the attainment of Grade *A* or *B* in elective work (not elementary) in that study, amounting to *three courses*. The Faculty, however, reserves the liberty of considering individual cases on their merits, and departing from the strict application of the foregoing rule. If a student earns Honorable Mention *twice* or more than twice in any study, the fact is stated.

* Blank forms of application may be obtained at the Recorder's Office.

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The following special regulations have been adopted: —

Greek. The count must include Course 6 or Course 8. History 17 may be counted. Courses *G* and *A* cannot be counted.

Latin. The count must include Course 6 or Course 8. Course *A* cannot be counted.

English Literature. English 5^2 may be counted for Honorable Mention in English Literature or in English Composition, but not in both.

German. Courses *B*, *C*, 1*a*, 1*b*, 1*c*, and *F* cannot be counted.

French. Courses 1*c*, 1*b*, 1*a*, 3, and 4 cannot be counted.

Italian and Spanish. Neither Italian 1 nor Spanish 1 may be counted. Comparative Literature 2 or 3 may be counted for Honorable Mention in Italian and Spanish.

Romance Philology. Work in Comparative Literature to the amount of one course may be counted for Honorable Mention in Romance Philology.

History. Course 1 may be counted as a half-course only.

Government. Course 1 may be counted as a half-course only.

Mathematics. The count must include Course 3, 5, 6, or 8. Courses *A*, *D*, and *E* cannot be counted.

Engineering. Courses 1*a*, 1*c*, 1*d*, 1*f*, and 3*a* cannot be counted.

Physics. Course *B* cannot be counted. Of Courses *C* and 1 only one may be counted.

Biology. The count must include Botany 3 and Zoölogy 3.

Geology. The count must include Geology 8.

No course is counted for Honorable Mention in more than one department.

Grades attained in courses anticipated by examination are not counted for Honorable Mention.

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DEGREES IN ARTS, SCIENCE, AND PHILOSOPHY.

All degrees bestowed by the University are awarded by vote of the President and Fellows of Harvard College, with the consent of the Board of Overseers, and are publicly conferred by the President on Commencement Day.

The ordinary degrees of Bachelor of Arts, Bachelor of Science, Master of Arts, Master of Science, Doctor of Philosophy, and Doctor of Science are awarded to students recommended for those degrees by the Faculty of Arts and Sciences.

The Statutes of the University require that no person shall be recommended for any of the ordinary degrees, except after thorough public examination, and a residence at the University for at least one year.

No year is counted to a student by the Faculty of Arts and Sciences as a full year of study towards a degree which is not devoted to studies approved by the Faculty, or under its authority, as suitable and sufficient to be so counted.

CONDITIONS OF CANDIDACY.

In order to be recommended for the degree of Bachelor of Arts, a student, unless he be a member of the Graduate School (see p. 471), must have been registered in Harvard College, as a candidate for that degree, at least one academic year.

In order to be recommended for the degree of Bachelor of Science, a student must have been registered in the Lawrence Scientific School, as a candidate for that degree, at least one academic year.

Any Bachelor of Arts of Harvard University is qualified to become a candidate for the degree of Master of Arts or Doctor of Philsophy; and any Bachelor of Science of Harvard University is qualified to become a candidate for the degree of Master of Science or Doctor of Science. But the requirements of residence and study for those degrees must also be fulfilled.

A student in the Graduate School, or intending to enter it, not a Bachelor of Arts of Harvard University, who wishes to become a candidate for the degree of Bachelor of Arts, Master of Arts, or Doctor of Philosophy, must apply to the Committee on Admission from other Colleges to be accepted as qualified for candidacy, or to learn the conditions

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on which he may be so accepted. Application should be made by filling out a blank which may be obtained at the office of the Dean of the Graduate School. It should be accompanied by catalogues or calendars of the colleges or other institutions of advanced grade at which the student has previously studied, which must be marked so as to show clearly his course of study there; and also by certificates of his scholarship at such institutions. The Committee will take into account, at their discretion, extra studies pursued by the applicant, studies pursued by him since graduation, teaching of advanced grade, and professional study. Early application to the Committee is recommended, in order that the student may have time to conform his plans of study to such conditions as the Committee may impose.

A student in the Graduate School, or intending to enter it, not a Bachelor of Science of Harvard University, who wishes to become a candidate for the degree of Master of Science or Doctor of Science, must make an application in like manner to the Committee on Admission to the Lawrence Scientific School from other Scientific Schools, and must present similar evidence of study and scholarship.

Every student in the Graduate School, properly qualified for candidacy, who wishes to be registered as a candidate for a degree, must apply in writing, in the course of the academic year in which he desires to be a candidate, and not later than *the thirtieth day of April*, to the Administrative Board of the Graduate School, to be placed on the list of candidates for the desired degree. He must send in at the same time a precise statement of the field of study or courses of instruction on which he will be prepared to offer himself for examination; and he must also state, in case he is an applicant for the degree of Doctor of Philosophy or of Science, the title of his thesis. *No Graduate Student can present himself for examination for a degree until his application to be placed on the list of candidates has been granted by the Administrative Board of the Graduate School.* Students may ascertain at any time in the academic year, by application to the Administrative Board, whether their proposed courses and methods of study, if carried on for the required time, will be approved for the degrees sought.

DEGREE OF BACHELOR OF ARTS.

In order to be recommended for the degree of Bachelor of Arts, a candidate must have passed in studies amounting to sixteen courses, together with such work in English as may be prescribed for him; making a total of seventeen or seventeen and a half courses, as the case may be. He must, moreover, have attained a grade above *D* in at least two-thirds of all the work done by him in Harvard University in satisfaction of the requirements for the degree.

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A student in Harvard College must take, in each academic year, at least four courses, in addition to such work in English as may be prescribed for him; and (including his prescribed English) he may take six, but not more, as regular courses to be counted towards the degree. Certain studies taken in the summer may also be counted towards the degree. Accordingly, a student who enters the Freshman Class without serious deficiency may complete the requisite number of courses in four, three and a half, or three years.

A student may shorten the requisite period of residence and study by anticipating college studies at the time of his admission (see pp. 328-330); or by securing credit for work satisfactorily performed at another college (see pp. 331, 332); but no student will be recommended for the degree of Bachelor of Arts until he has completed at least one year of residence and study as a candidate for that degree; and no student admitted to the Freshman Class will be recommended for the degree until he has completed three years of residence and study.

A candidate who has fulfilled all the requirements for the degree in three years and a half may obtain, on petition, leave of absence until the following Commencement, when the degree will be conferred upon him.

A candidate who has completed all the requirements at the end of his third year and desires to graduate without further residence may, at his own option, either receive the degree at that time, or obtain leave of absence during his fourth year and take the degree at the end of that year.

For a method of combining the requirements for the degrees of Bachelor of Arts and Bachelor of Science, see page 473.

A student admitted to advanced standing must complete the requirements of the remainder of his course, under such conditions as may be imposed at the time of his admission.

Any student who has not complied with the requirements for a degree before the end of his College course may be recommended for a degree in a subsequent year, when he has made up all deficiencies in his record.

A student in the Graduate School may attain the degree of Bachelor of Arts under such conditions as may be imposed in his case by the Committee on Admission from other Colleges. But, whatever the estimate placed by the Committee on a student's qualifications, no student may under the Statutes be a candidate for any degree on less than a full year of residence and study, or on less than a complete year's work. The courses offered for the degree must be such as would be approved for a Senior in Harvard College; and these courses must be attended, pursued, and passed, in a satisfactory manner.

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Bachelor of Arts with Distinction.

The degree of Bachelor of Arts *with distinction* is conferred under the following rules; such distinction being awarded in *three grades*.

Any member of the graduating class of Harvard College who has attained Grade *C* or a higher grade in as many courses as he is required to pursue for the degree, is recommended for a degree with distinction on the following conditions: —

If he has attained Grade *A* in *fifteen* courses or their equivalent, or has received Highest Final Honors in any Department, he is recommended for a degree *summa cum laude;*

If he has attained Grade *A* in *nine* courses or their equivalent, or Grade *A* or *B* in *fifteen* courses or their equivalent, or has received Final Honors in any Department, he is recommended for a degree *magna cum laude;*

If he has attained Grade *A* or *B* in *nine* courses or their equivalent, or has received Honorable Mention *twice*, he is recommended for a degree *cum laude.*

In the consideration of a student's claim to a degree with distinction, grades attained in courses taken by anticipation (see p. 329) are not counted.

The cases of members of the graduating class of very high scholarship who have not fulfilled the foregoing requirements are considered on their merits.

The reason for the grade of distinction is stated in the diploma.

A Commencement Part is assigned to every student recommended for a degree with distinction: an Oration to a candidate for a degree *summa cum laude*, a Dissertation to a candidate for a degree *magna cum laude*, and a Disquisition to a candidate for a degree *cum laude.* The words *Oration*, *Dissertation*, and *Disquisition* indicate merely the grade of distinction in the degree, and do not imply differences in the nature of the Commencement Parts.

DEGREE OF BACHELOR OF SCIENCE.

In order to be recommended for the degree of Bachelor of Science a student must have fulfilled the requirements for that degree in one of the departments of study organized in the Lawrence Scientific School. These requirements are stated on pages 453 ff.

The degree of Bachelor of Science *with distinction* is conferred in three grades: *cum laude*, *magna cum laude*, and *summa cum laude.*

The grade of the degree and the course of study for which the degree is given are specified in the Diploma.

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Graduation in Three Years.

If a student has anticipated studies amounting to a substantial portion of the work of the first year of the Scientific School and desires to fulfil the requirements for the degree in three years, he may apply to the Administrative Board of the School for leave so to do, specifying in his application the manner in which he proposes to arrange his studies for that purpose. The Administrative Board will decide on such applications according to the circumstances of each case.

GRADUATION BOTH IN ARTS AND IN SCIENCE.

Students who wish to take the degree of Bachelor of Science in addition to the degree of Bachelor of Arts may register in the Lawrence Scientific School after their third year in Harvard College (or after the satisfactory completion of fourteen courses counting towards the degree of Bachelor of Arts). They will be recommended for the degree of Bachelor of Arts on the satisfactory completion of the required number of courses counting towards that degree, and for the degree of Bachelor of Science after at least two years in the Scientific School, the last year to be devoted to work prescribed by the Administrative Board of the Scientific School.

It is desirable that students who contemplate taking their degrees in this way seek advice in the selection of their studies while registered in Harvard College, in order that they may enter the Scientific School fully prepared for the required work.

DEGREE OF MASTER OF ARTS.

The ordinary requirement for the degree of MASTER OF ARTS for a Bachelor of Arts of Harvard University, or for any student who has been accepted, without special conditions, as qualified for candidacy for the degree on the ground of his previous studies, consists of *a full year of residence and study in the Graduate School, devoted to work approved by the Administrative Board of the School as affording suitable preparation for the degree, and completed with high credit.* Special conditions are, however, in some cases imposed on the admission to candidacy of a student who is not a Bachelor of Arts of Harvard University.

The work approved by the Administrative Board of the Graduate School for the degree of Master of Arts may consist, wholly or partly, of research or special study, either in connection with or outside of the courses of instruction, carried on under the direction or with the criticism and approval of a specified instructor; or it may be made up of courses of instruction of advanced grade, four such courses being ordinarily required as constituting a full year's work. In any case, the programme of study

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must form *a consistent plan of work, to be pursued with some definite aim*, although it need not lie wholly in one Department or field. A student engaged in research or in special study as the principal part of his work may, at the discretion of the Administrative Board of the Graduate School, be referred, as a candidate for the degree of Master of Arts, to the Committee on Honors and Higher Degrees in the Division in which such study lies.

Studies pursued in a Professional School, either by Graduate Students or by Professional Students, may be approved by the Administrative Board of the Graduate School as constituents of the scheme of study offered for the degree of Master of Arts; but only under the condition that the candidate is precluded from offering any of the same studies, at any time, for a professional degree. A student in a Professional School, not a Bachelor of Arts of Harvard University, who wishes to be a candidate for the degree of Master of Arts, must make application to the Committee on Admission from other Colleges, to be accepted as qualified for candidacy.

A student in Harvard College who, at the close of his Senior year, has passed in courses sufficient in amount and quality to satisfy the requirements for both the degrees of Bachelor of Arts and Master of Arts, will be recommended for the former degree at that time; and, on making special application, he will, without further residence, be recommended for the Master's degree a year later. The studies presented by him for the Master's degree must have been taken in his last year of residence.

All studies offered for the degree of Master of Arts are required to be of advanced grade.

The studies offered for the degree of Master of Arts should be submitted to the Administrative Board of the Graduate School for approval early in the academic year; and no applications for such approval will be received after *the thirtieth day of April*.

DEGREE OF MASTER OF SCIENCE.

The requirement for the degree of MASTER OF SCIENCE for a Bachelor of Science of Harvard University, or for a Bachelor of Arts of Harvard University whose studies for his degree would have qualified him to take a degree of Bachelor of Science, or for any other student who has been accepted, without special conditions, as qualified for candidacy for the degree on the ground of his previous studies, is *a full year of residence and study in the Graduate School, devoted to advanced work in science approved by some Division of the Faculty as affording suitable preparation for the degree and completed with high credit.* In every case the candidate must have satisfied the Division under which he wishes to work that he is qualified by his previous training to enter on the proposed

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course of study, which must form a consistent plan, with a definite aim in view, and while not necessarily lying wholly within one department or field, must be of such character that it can properly be referred to a single Division of the Faculty. The Divisions in which the degree may be obtained are those of Mathematics, Engineering, Physics, Chemistry, Biology, Geology, and American Archaeology and Ethnology; and the Department of Architecture, which for this purpose is treated as a Division.

The Administrative Board of the Graduate School has general charge of the requirements for the degree of Master of Science. Applications for approval of courses of study offered for the degree should be placed in the hands of the Dean of the Graduate School as early as possible in the academic year, and no such applications will be received after *the thirtieth day of April.*

DEGREES OF DOCTOR OF PHILOSOPHY AND DOCTOR OF SCIENCE.

For the degree of Doctor of Philosophy, not less than *two years*, — at least *one* of which must be spent in *residence at this University*, — devoted to advanced studies, approved as affording suitable preparation for the degree by the Committee on Honors and Higher Degrees in that Division of the Faculty in which the student is to be a candidate, are required of students already qualified for candidacy for the degree. The Faculty will, in estimating the amount of a candidate's study for the degree, give weight to advanced work done in the graduate department of another university.

For the degree of Doctor of Science, *three years of scientific study*, approved as affording suitable preparation for the degree by the proper Division Committee on Honors and Higher Degrees, — at least *one* of these years being spent in *residence at this University*, — are required of students already qualified for candidacy for the degree. A student who holds the two degrees of Bachelor of Arts and Bachelor of Science from Harvard University is excused from one of the three years of study required for the degree of Doctor of Science.

The periods of residence and study named above for the degrees of Doctor of Philosophy and Doctor of Science must be regarded merely as *minimum* requirements. *The requirements of time for the degrees of Doctor of Philosophy and Science are wholly secondary.* These degrees do not rest on any computation of time, nor on any enumeration of courses; although no student can become a candidate for one of them until he has, in the judgment of the Administrative Board of the Graduate School, fulfilled the requirements of residence and study for the prescribed periods.

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The degree of Doctor of Philosophy or of Science is given, not for the mere reason of faithful study for a prescribed time or in fulfilment of a determinate programme, and never for miscellaneous studies, but on the ground of long study and high attainment in a special branch of learning, manifested not only by examinations, but by a thesis, which must be presented and accepted before the candidate is admitted to final examination, and must show an original treatment of a fitting subject, or give evidence of independent research.

Any person on whom the University confers the degree of Doctor of Philosophy or of Science is thereby recognized as qualified to give instruction to candidates for this degree in the Department in which he has taken the degree, and to advance knowledge in that Department by his own investigation.

A Doctor of Philosophy or of Science who has been approved for the purpose by the Division or Department with which his work is most closely related, may be authorized by the Faculty of Arts and Sciences to give instruction under the direction of the Faculty for a period not exceeding four months, either gratuitously or for such fee as he may himself fix and collect.

A candidate for the degree of Doctor of Philosophy must offer himself for examination in some one of the Divisions of the Faculty of Arts and Sciences. The subjects in which the degree may be taken, as named in the Standing Votes of the Corporation and Overseers which established the degree, are: Philology, Philosophy, History, Political Science, Music, Mathematics, Physics (including Chemistry), Natural History, American Archaeology and Ethnology.

Within his chosen Division, the candidate must name some special field of study, approved as sufficient by the Committee on Honors and Higher Degrees in that Division. He is liable to minute examination on the whole of that special field; and is also required to prove such acquaintance with the subject-matter of his Division in general as the Committee in that Division shall require. Information in regard to the specific requirements for the degree of Ph.D. in the different Divisions may often be found in the pamphlets issued by the various Divisions and Departments.

A candidate for the degree of Doctor of Science must offer himself for examination on two subjects, or fields of study, in the range of the mathematical, physical, and natural sciences. He must show special attainments in one of these subjects, and is liable to minute examination in the whole ground which it covers; and he is also required to have such general knowledge in the Division to which his special studies belong as the Committee on Honors and Higher Degrees in that Division shall require. His thesis must embody some contribution to science or some special investigation.

Any student who means to become a candidate for the degree of Doctor of Philosophy or of Science must carry on his studies with the approval

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and under the direction of the Committee on Honors and Higher Degrees in that Division of the Faculty of Arts and Sciences to which his special studies belong. He should give early written notice of his intention to be a candidate to the chairman of the Committee; and he should consult the chairman, at suitable intervals, about his plans of study.

An applicant for the degree of Doctor of Philosophy or of Science must hand a fair copy of his thesis to the chairman of the Committee in his Division on or before the *first day of May* of the year in which he expects to receive his degree. But the last day for receiving Doctors' theses in a Division may be changed from May 1 to April 1 by a vote of that Division sent to the Dean of the Graduate School in time for publication in the pamphlet of the Graduate School for the preceding year. Under this rule, the thesis of a candidate for a Doctor's degree in 1903 in the Division of Modern Languages or of American Archaeology and Ethnology must be handed in on or before the *first day of April*. The chairman of the Division Committee has power to reject a thesis not plainly written. No candidate is admitted to final examination till his thesis has been approved by the Committee; and, on the approval of the thesis, and as early as the *first day of June*, the thesis is deposited, with a certificate of approval signed by a special committee, at the office of the University for inspection by any member of the Faculty.

A successful candidate is allowed to print his thesis as one accepted for the degree, with the certificate of approval and the signatures of the approving committee; and either a printed or a written copy of the thesis and the original certificate must be deposited in the Library, and must be open to public inspection.

The branch of study in which the degree of Doctor of Philosophy or of Science is conferred is named in the Diploma and in the Quinquennial Catalogue of the University; and the special field of study and the title of the thesis are also named in the Commencement Programme and in the next following Annual Catalogue.

If a student has already received the degree of Master of Arts at Harvard University, the residence and study accepted in fulfilment of the requirement for that degree may be counted in partial fulfilment of the requirement for the degree of Doctor of Philosophy, provided such residence and study be approved by the appropriate Division Committee as suitable to be so counted.

If a student has already received the degree of Master of Science at Harvard University, the residence and study accepted in fulfilment of the requirement for that degree may be counted in partial fulfilment of the requirement for the degree of Doctor of Science, provided such residence and study be approved by the appropriate Division Committee as suitable to be so counted.

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PRIZES.

DETURS.

EDWARD HOPKINS, born in 1600, was a successful London merchant who came to New England in 1637. He was several times Governor of Connecticut Colony; and on his return to England he was elected to Parliament and appointed Warden of the Fleet under Cromwell. His will expresses his desire "to give some encouragement in those foreign plantations, for the breeding up of hopeful youths, both at the grammar school and college, for the public service of the country in future times;" and his educational bequests to New England are of great importance. Part of the income of one of these bequests is used in the purchase of books called DETURS, for meritorious students in Harvard College of one year's standing. Seniors and Juniors may receive Deturs if, since the Freshman year, they have shown sufficient improvement in scholarship. The awards are usually made in December.

THE BOWDOIN PRIZES.

JAMES BOWDOIN, born in 1726, was graduated at Harvard College in 1745. He was of Huguenot descent, and was a wealthy merchant of Boston. He entered public life in 1753; and soon became a conspicuous leader of the patriotic party in Massachusetts. He was a member from 1757 to 1774 of His Majesty's Council for the Province; and distinguished himself there as an active opponent of the Ministry. In 1775, on the outbreak of the Revolution, he was made President of the Council, under the circumstances of the time an important post, which he held for two years. He was President of the Convention which framed the Constitution of the Commonwealth, in 1779–80. He was Governor of Massachusetts from 1785 to 1787; and while holding that office, he rendered an important service to his state and country by suppressing the formidable insurrection known as "Shays's Rebellion." He was a member of the State Convention for the ratification of the Constitution of the United States, in 1788. From 1750 throughout his life, he was a valued correspondent of Benjamin Franklin, on scientific as well as political subjects. He was a Fellow of Harvard College from 1779 to 1785, being the first who was neither a

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tutor of the College nor a clergyman; and was President of the American Academy of Arts and Sciences, from its foundation in 1780 to his death in 1790. He was a Fellow of the Royal Society. He was made a Doctor of Laws of this University in 1783, and of the University of Edinburgh in in 1785. Bowdoin College was named for him, and received a considerable gift from his son, James Bowdoin, of the Harvard Class of 1771, a Fellow of Harvard College from 1792 to 1799.

Governor Bowdoin's will bequeathed the sum of four hundred pounds to "the University at Cambridge," and directed the interest of this gift be "annually applied in the way of premiums for the advancement of useful and polite literature among the residents, as well graduates as undergraduates of the University; the premiums to be paid in such way and manner as shall be best adapted to excite a spirit of emulation among such residents. The performances entitled to such premiums to be read in public by their respective authors, who shall deliver a fair copy of the same, to be lodged in the library."

In 1901, George Sullivan Bowdoin, of New York, gave fifteen thousand dollars to be added to the principal of Governor Bowdoin's bequest.

Prizes on the Bowdoin foundation are now offered to students resident at the University, as follows: —

For Dissertations in English.

I. *For Undergraduates.* Two Prizes, a First Prize of *two hundred and fifty dollars*, and a Second Prize of *two hundred dollars*, are offered annually to undergraduates in regular standing. The second prize may be divided, at the discretion of the judges, between two competitors; but the first prize, if awarded at all, will not be divided.

Essays offered in competition for these prizes may be on any subject approved by the Chairman of the Committee on Bowdoin Prizes as a proper subject for treatment in literary form. Theses that form part of the regular work in an elective course may be offered in competition, with the consent of the instructor in the course, or, subject to such consent, may be rewritten for the prize competition. The literary quality as well as the substance of the essays will be taken into account in making the award. The prize winners for the year are named as such on the Commencement Programme; and the prize essays are read in public by their authors before Commencement Day. A complete list of the winners of Bowdoin Prizes is published in the printed announcement of academic distinctions in Harvard College, issued by the University from year to year.

No essay offered by an undergraduate in competition for a Bowdoin Prize may contain more than ten thousand words.

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II. *For Graduates.* A Prize of *three hundred dollars* is offered annually to Graduate Students, for an essay of high literary merit belonging to a special field of learning. Any holder of an academic degree in Arts, Literature, Philosophy or Science, who has been in residence in the Graduate School for one full year within a period beginning not more than three years before the time when the prize is to be awarded, may compete for this prize.

For the administration of the Bowdoin Prize for Graduates, the various fields of study from which the topics may be drawn are arranged in three groups, as follows: —

A. Ancient and Modern Languages, Literature, and the Fine Arts.
B. Philosophy, Political Science, and History.
C. Mathematics and Natural Science.

Each year the prize is offered in one of these groups in turn. For the year 1902–03, the topic must be in Group *A*; for the year 1903–04, in Group *B*.

Competitors are at liberty to select the topics of their essays; but the topics must be approved in advance by the Committee on Bowdoin Prizes. Before submission to the judges, each essay offered in competition must be approved, as worthy of consideration, by the Committee on Honors and Higher Degrees of the Division within whose province its subject lies. Essays presented for other prizes, or for academic recognition elsewhere than in Harvard University, are not admissible.

The literary quality as well as the substance of the essays submitted will be taken into account in making the award.

The winner of the graduate prize for the year is named as such on the Commencement Programme, and the prize essay or selections from it are read in public by the author before Commencement Day.

The general rules laid down on page 487 for the guidance of competitors must be accurately followed.

All inquiries concerning these prizes should be addressed to the Chairman of the Standing Committee on Bowdoin Prizes, Professor EMERTON.

FOR DISSERTATIONS IN GREEK AND LATIN.

I. *For Undergraduates.* (*A*) A Prize of *fifty dollars* for a translation into Attic Greek of the passage in Scott's novel, *The Talisman*, Chapter XII, from the beginning of the chapter to the words "Every minute that thou tarriest is a crime against thy allegiance." (*B*) A prize of *fifty dollars* for a translation into Latin of the passage in Webster's *Reply to Hayne*, beginning "And now, Mr. President, let me run the honorable gentleman's doctrine a little into its practical application," to the end of the speech.

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These translations are to be written by Undergraduates of Harvard College in regular standing in 1902–03. The winners of the prizes will be named on the Commencement Programme.

II. *For Graduates.* A Prize of *one hundred dollars* for an original essay in either Latin or Greek of not less than three thousand words on any subject chosen by the competitor, written by a holder of an academic degree who has been in residence in the Graduate School for one full year within the period 1900–03. Essays already presented for other prizes or for academic recognition elsewhere than in Harvard University are not admissible.

The general rules laid down on page 487 for the guidance of competitors must be accurately followed.

All inquiries concerning these prizes should be addressed to the Chairman of the Department of the Classics.

THE BOYLSTON PRIZES FOR ELOCUTION.

In 1817, WARD NICHOLAS BOYLSTON, of Boston, being as he declares, "actuated by a wish to promote the reputation of Harvard College, and more especially with a view to advance the objects for which the professorship of Rhetoric and Oratory was founded by my uncle, Nicholas Boylston, Esq.," made to the University the gift of one thousand dollars, which he invested in an annuity, the income to be applied to prizes for Elocution.

The BOYLSTON PRIZES FOR ELOCUTION are awarded to Seniors and Juniors in Harvard College at a public competition on the second Thursday in May. The students speak, not their own compositions, but selections from English, Greek, or Latin authors; the proportion in English is to be at least two out of three. The selections must be approved by the Boylston Professor of Rhetoric and Oratory.

The competitors must enter their names with the Boylston Professor *on or before the last Thursday in April.*

The Corporation, and gentlemen selected by the Corporation, will act as judges, and award the prizes as follows: —

Two First Prizes, of *sixty dollars* each; and three Second Prizes, of *forty-five dollars* each. The First Prizes may be withheld if none of the competitors appear to deserve them.

At this exhibition, no prompting of the speakers will be allowed; and a failure of memory will exclude a competitor from consideration in the assignment of the prizes.

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THE PASTEUR MEDAL.

In 1898 Baron Pierre de Coubertin founded a prize for debating in the form of a medal to be awarded to the successful contestant in an annual debate on a subject drawn from contemporary French politics, the debate to be conducted in English. The administration of the prize is in the hands of the Department of French, which is authorized to call in the aid of other instructors, of students and of graduates, in determining the precise conditions of the competition, and in selecting judges. Due notice will be given of the time of the debate and the rules governing it.

THE COOLIDGE DEBATING PRIZES

In 1899, T. Jefferson Coolidge, of the Class of 1850, gave to the College *five thousand dollars*, "the income of which shall be devoted to the establishment of prizes for debating, on the following terms: —

1. The prizes to be called the Coolidge Debating Prizes.

2. For the present, and so long as Harvard-Yale and Harvard-Princeton intercollegiate debates shall be continued, two prizes of equal amount shall be awarded yearly, one at each of the system of trial debates for the selection of Harvard's representatives in those contests.

3. If at any time one or both of these intercollegiate debates be discontinued, the prizes shall be awarded in such manner as the Corporation shall deem for the best interests of debating at the College."

THE DANTE PRIZE.

The Latham Prize, which had been offered since 1889, was awarded in 1902. The Dante Society, therefore, renews now its offer of an annual prize of *one hundred dollars* for the best essay by a student in any department of the University, or by a graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. But the competition will henceforth be open to students and graduates of similar standing of any college or university in the United States.

For the year 1902–03, the subjects proposed are as follows: —

1. *A review of Kraus's "Dante," 1897, Paget Toynbee's "Dante Dictionary," 1898, and Scartazzini's "Enciclopedia Dantesca," 1896–98.* 2. *The credibility of Boccaccio's "Vita di Dante," and of what he tells concerning Dante in his "Commento."* 3. *The verse endings in the Divina Commedia in which Dante has made "li vocaboli dire nelle sue*

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rime altro che quello ch' erano appo gli altri dicitori usati di sprimere." Ottimo Commento, *Inf.* x. 85. 4. *A translation of the "Quaestio de Aqua et Terra," and a discussion of its authenticity.* 5. *A collection of all the passages in the prose works of Dante directly illustrative of the Divina Commedia, arranged in order as a comment upon it.* 6. *A critical comment of the De Vulgari Eloquio.*

For the year 1903–04 the following subjects are proposed: —

1. *The credibility of Boccaccio's "Vita di Dante," and of what he tells concerning Dante in his "Commento."* 2. *The verse endings in the Divina Commedia in which Dante has made "li vocaboli dire nelle sue rime altro che quello ch' erano appo gli altri dicitori usati di sprimere."* Ottimo Commento, *Inf.* x. 85. 3. *A collection of all the passages in the prose works of Dante directly illustrative of the Divina Commedia, arranged in order as a comment upon it.* 4. *A critical comment of the "De Vulgari Eloquio."* 5. *Visions of Hell, Purgatory, and Paradise of earlier date than the Divina Commedia.*

Essayists are at liberty to write on any one of the subjects which have been proposed in the years during which this prize has been offered.

The general rules laid down on page 487 for the guidance of competitors must be accurately followed.

The judges of the essays are a committee of the Dante Society. If the judges decide that no essay submitted to them deserves the full prize, they are at liberty to withhold the prize, or to award one or two prizes of fifty dollars, at their discretion.

THE SARGENT PRIZE.

This prize was first offered in 1886–87 by JOHN OSBORNE SARGENT, of New York, of the Class of 1830, and was endowed in his memory, in 1892, by his daughter, GEORGIANA W. SARGENT. The prize is of *one hundred dollars*, and is offered for the best metrical translation of a lyric poem of Horace, to be selected each year by the Department of the Classics.

The selection for 1903 is the *thirty-fifth Ode of the first Book.*

Undergraduates of Harvard College and of Radcliffe College may compete for this prize. The prize may be withheld if no competitor appears to deserve it.

The general rules laid down on page 487 for the guidance of competitors must be accurately followed.

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THE GEORGE B. SOHIER PRIZE.

This prize was founded by the late WALDO HIGGINSON, of Boston, of the Class of 1833, in memory of his brother-in-law, George Brimmer Sohier, of the Class of 1852. The endowment is for "one prize of *two hundred and fifty dollars* for the best thesis presented by a successful candidate for Honors in English or in Modern Literature. If no thesis is deemed worthy of a prize, no prize will be given." "The competitors may be either: — (1) undergraduates in Harvard College; (2) Harvard graduates who are resident at the University as students in the Graduate School; or (3) students in Radcliffe College."

THE SALES PRIZE.

A prize of *forty-five dollars* is offered to the "best scholar in Spanish," under the following clause from the will of FRANCIS SALES, A.M. 1835, Instructor in Spanish and French from 1816 to 1854: —

"It is my will that one thousand dollars shall constitute a fund, the income of which shall be annually given, either in money or a gold medal of equivalent value, to the best scholar in Spanish, who shall have commenced the study of that language at Harvard College, and whose scholarship shall be determined by his proficiency in Spanish composition: the successful candidate to be selected by the President, the Professor of the French and Spanish languages, and the Instructor of Spanish for the time being."

The competition for this prize is limited to undergraduates of Harvard College and of the Lawrence Scientific School.

Notice of intention to compete for this prize must be sent to the *Recorder* on or before *the first day of May*.

THE PHILIP WASHBURN PRIZE.

In 1899, Mrs. MARY ELIZABETH WASHBURN gave to the University the sum of two thousand dollars for the establishment of a prize in memory of her son, Philip Washburn, of the Class of 1882. On this foundation an annual prize of *seventy-five dollars* is offered for the best thesis, of sufficient merit, on an historical subject presented by a successful candidate for Honors in History or in Political Science, whose main work is in History.

Competition for this prize is open only to candidates for the degree of Bachelor of Arts.

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The Thesis (which may also be counted as a part of the student's work in one or more courses), must be presented to the Chairman of the Department of History and Government not later than May 15; and some member of the Department of History and Government must certify that the subject is suitable.

In case the writer of the selected thesis states that his thesis is to be submitted in competition for another prize, no award will be made until the result of that competition is announced.

PRIZES IN POLITICAL SCIENCE.

Three prizes are offered for subjects in various fields of Political Science. These are the TOPPAN, SUMNER, and BENNETT prizes.

The subjects for any of these three prizes may, within the limitations set down in the special announcement of each, be chosen by each competitor for himself, subject to the approval of the Committee on Prizes in Political Science. The proposed subject may be presented to the Committee at any time, and must be submitted not later than the *first day of March* of the year in which the essay is to be sent in. The general range of subjects suitable for essays will be found indicated below; and also a statement as to what persons are admitted to the competition.

No prize will be awarded to any essay that does not give such evidence of solid study, sound thought, and literary care as would, in the opinion of the judges, warrant its publication.

Essays presented for other prizes, or for academic recognition elsewhere than in Harvard University, or published previous to the making of the award, shall not be admissible.

The general rules laid down on page 487 for the guidance of competitors must be accurately followed.

No essay offered for a prize in Political Science may contain more than one hundred thousand words.

THE TOPPAN PRIZE.

An annual prize of *one hundred and fifty dollars*, the gift of ROBERT NOXON TOPPAN, of Cambridge, of the Class of 1858, is offered for the best essay (of sufficient merit) on a subject in Political Science.

The prize is open for competition to all students of the Graduate School or of any of the Professional Schools who have received an academic degree, and to all graduates of Harvard College of not more than three years' standing.

The following subjects, upon which Toppan prizes have been taken, will serve to indicate the range of topics: —

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1. *Protection to young industries in the United States.* 2. *Town and county government in the United States.* 3. *The foundation and the prospects of the Dominion of Canada.* 4. *The original and derived features of the Constitution of the United States.* 5. *Parliamentary government in France since 1869.* 6. *The Liberty and Free Soil parties in the Northwest.*

THE SUMNER PRIZE.

An annual prize of *one hundred dollars*, the gift of CHARLES SUMNER, of the Class of 1830, Senator from Massachusetts from 1851 to his death in 1874, is offered for the best dissertation on a subject connected with the topic of Universal Peace and the methods by which War may be permanently superseded. This prize is open to any student of the University in any of its departments. But students cannot hope to be successful who have not some knowledge of international law.

The following subjects, upon which Sumner prizes have been taken, will serve to indicate the range of topics: —

1. *The experience of the last half-century and the light it throws upon the possible general resort to arbitration as a substitute for war.* 2. *Great national armaments in time of peace; their causes, their continuance, the chances of their decline.* 3. *An historical sketch of the spread of the doctrine of the immunity of private property at sea, and a discussion of its tendency to promote peace.* 4. *The light which experience throws upon the resort to arbitration as a substitute for war.* 5. *The European Concert and the problem of universal peace.*

THE BENNETT PRIZE.

An annual prize of *forty dollars*, from a fund established by JAMES GORDON BENNETT, of New York, is offered for the best essay in English prose on some subject of American governmental domestic or foreign policy of contemporaneous interest.

This prize is open only to members of the Senior Class of Harvard College and to Special Students in their third or fourth year who have taken courses in Political Science and English Literature.

The following are among the many subjects on which essays might be written: —

1. *The proper relations of the United States with Hawaii.* 2. *How should postmasters be selected?* 3. *The advantages and dangers to the United States of a powerful navy.* 4. *The effect of executive commissions on State government.*

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RICARDO PRIZE SCHOLARSHIP.

The Ricardo Prize Scholarship, with an annual income of *three hundred and fifty dollars*, is offered for the year 1903–04, to persons who are members of Harvard University in 1902–03.

The incumbent must be a member of the Senior class in Harvard College or of the Graduate School, and must carry on his studies under the supervision of the Department of Political Economy. He must devote the major portion of his time to economic and political studies, and must give special attention to the problems involved in the relation of the State to industrial enterprise.

Candidates must submit to the Chairman of the Department of Political Economy not later than *May 15, 1903*, a statement of their previous studies, submitting also any written work done by them. They shall further present themselves at an examination, to be held not later than *June 1, 1903*. Each candidate will be called on to write, in the examination room, an essay on a topic chosen by himself, from a list, not previously announced, in economics and political science. On the basis of all the evidence received, the award will be made, not later than *June 15*, on recommendation by the Department, solely with regard to the ability and promise of the several candidates, and without regard to their pecuniary means.

GENERAL RULES FOR THE GUIDANCE OF COMPETITORS FOR PRIZES.

The following rules must be carefully observed by competitors for the BOWDOIN, DANTE, SARGENT, TOPPAN, SUMNER, and BENNETT prizes.

Every dissertation or other composition offered for a prize must be neatly and legibly written or typewritten, upon letter-paper of good quality, of the quarto size, with a margin of not less than one inch at the top, at the bottom, and on each side, so that it may be bound up, if desired, without injury to the writing. The sheets must be securely stitched or riveted together; in such a manner that the manuscript can be easily opened and read.

The title-page of each manuscript must bear an assumed name, with a statement of the writer's academic standing: — that is, whether he is a graduate or an undergraduate; of what university, in cases where the competition is open to other than Harvard students and graduates; of what department of his university; and of what class; — and the writer must give in, with his manuscript, a sealed letter, containing his true name and superscribed with his assumed name.

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Manuscripts must be delivered at the office of the *Secretary of the Faculty*, No. 5 University Hall, Cambridge; where they will be receipted for.

The latest permissible date of delivery is as follows: —

For the Bowdoin prizes; the *first day of April*, 1903.

For the Dante and Sargent prizes, and the prizes in Political Science; the *first day of May*, 1903.

Any prize may be withheld, at the discretion of the judges, if no essay is found to deserve it.

A fair copy of every successful writing offered for a prize must be given to the College Library, immediately upon the award.

The University will not be responsible for the safe keeping of unsuccessful essays for more than three months after public notice of the award has been given. Writers are requested to apply, within that time, for the return of their manuscripts.

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FELLOWSHIPS AND SCHOLARSHIPS.

FELLOWSHIPS.

The fellowships are appointments open to students in the Graduate School who are pursuing studies in a special department of learning and have evinced distinguished ability and attainment in those studies. There are forty-one endowed fellowships, having annual incomes which vary from three hundred to one thousand dollars. The aggregate income of these fellowships is $21,650. The John Harvard Fellowships, which are additional to the endowed fellowships, and of which the number is undetermined, are without stipend.

The Edward Austin Fellowships and the Austin Teaching Fellowships can be held only by resident Graduate Students. The other fellowships may be, and some of them usually are, given to persons who desire to pursue studies abroad as non-resident Graduate Students. Non-resident appointments are awarded only to persons who have been resident students in some department of the University. Thirteen resident and sixteen non-resident appointments have been made for the present academic year.

All appointments to fellowships are made for one year only. They may be awarded for a second or third year. The tenure of the fellowships has lately been restricted, however, in the greater number of cases, to two years. Most of the appointments are made by the President and Fellows of Harvard College, on nomination by the Faculty of Arts and Sciences. A few are in the hands of trustees, or require nomination or confirmation by specially designated persons.

Any fellowship, other than a teaching fellowship, or scholarship to which the holder has been recommended for appointment by the Faculty of Arts and Sciences will ordinarily be vacated by the subsequent marriage of the holder. This vote does not apply to appointments for the academic year 1902–03.

For information relative to the manner and time of making application for a fellowship, and to the requirements imposed on holders of fellowships, and for other particulars concerning these appointments, reference should be made to pages 522–525.

The following is a list of fellowships for the current academic year, named in the order of their foundation: —

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The Harris Fellowship.

This fellowship, the earliest established in the University, was founded in 1868 by WILLIAM MINOT, Jr., of the Class of 1836, as executor of the will of HENRY HARRIS of Boston. Its yearly income is now five hundred dollars. The following is an extract from Mr. Minot's letter to the President and Fellows, dated November 4, 1868, communicating his intention to found this fellowship: —

"The late Henry Harris, Esquire, of Boston, being a bachelor, made the public his heir, and by his Will, gave his property to charitable and literary uses, most of which he himself designated, and with excellent judgment. He further directed that any surplus of his Estate should also be given to charitable and literary objects, to be selected by his Executor.

. . . . . .

"In the hope, therefore, of securing time for study, with exemption from pecuniary anxiety, to a graduate of Cambridge, to be resident in the town or its vicinity, I propose to give to the University the sum of ten thousand dollars, to found a fellowship, the income to be applied to the use and support of a graduate of promise.

"I suggest the following conditions, subject to the wiser judgment of the Corporation; viz.: — That this income be given to some graduate of acknowledged excellence in one or more departments of literature or science (but not necessarily of the highest College rank) for one or more years; that the recipient satisfy the Corporation of his need of such aid, and his purpose to make the most of it; that residence at Cambridge be required, unless excused for substantial reasons, and that marriage be a disqualification; that studies for the profession of law, theology, or medicine be excluded from the studies of the recipient; and that the Corporation be authorized to make such other restrictions and conditions as in its judgment will best secure from the recipient his entire devotion to accurate scholarship or the higher branches of science."

The Rogers Fellowships.

These fellowships rest on a foundation of twenty thousand dollars, given to the University in 1869 by HENRY BROMFIELD ROGERS of Boston, of the Class of 1822. His letter to the President and Fellows, announcing his purpose to make this gift, signed "A Graduate of Harvard College," is dated December 18th, 1868, and contains the following words: —

"I now offer to [the College] twenty thousand dollars, for the encouragement and attainment of a higher, broader, and more thorough scholarship than is required or expected of undergraduates, in all sound literature and learning, except science strictly so called. . . .

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"1. I direct that the Corporation, from time to time, shall select from the Senior Class the member who from his natural gifts, attainments, and general character, intellectual and moral, they, after consultation with the Faculty of the College, shall deem best fitted to attain the object contemplated by this donation, — and shall offer to him from said income and profits an annual grant of money upon the following conditions, viz. : —

"That he shall reside at Cambridge and shall faithfully devote his time and thoughts to the pursuit of such branches and courses of study as he, with the approbation of the Corporation, may select. That, whilst a recipient of this grant, he shall engage in no studies designed to prepare him for a special profession, nor in any other business or occupation, except that of a Proctor of the College, or an occasional examiner of some of the classes, at the request of the Corporation. That, from time to time, he shall be subject to be called upon to give such evidence of his fidelity and proficiency as the Corporation may require, and especially to write essays and dissertations upon such subjects, within the circle of his studies, as they shall designate, and these, when completed, shall be at their disposal.

"2. I direct that the grant shall be from year to year, and that the amount thereof, in the first instance, shall not exceed the sum of eight hundred dollars, but, nevertheless, that the Corporation shall have power to continue it from year to year at their discretion. . . ."

The above conditions were modified, in 1877, with the consent of the founder, so that the Corporation may, at their discretion, appoint graduates of longer standing, and may permit the incumbents to reside abroad for the purpose of study.

Until 1882, this foundation was anonymous, and was known as the Graduates' Scholarship.

In accordance with a provision of the gift, two fellowships have now been established on this foundation, each having an annual income of seven hundred and twenty-five dollars.

The Parker Fellowships.

Three fellowships of the annual value of seven hundred dollars each are supported by the income of a bequest of fifty thousand dollars, made to the University by JOHN PARKER, Jr., of Boston, and received in 1873.

Mr. Parker's will, which is dated 22 February 1841, directs that, at the discretion of the President and Fellows of Harvard College, the income of his bequest "shall be applied to the following object and none other, viz : — To the instruction, education, and maintenance of one or more individuals, as they may successively arise, of eminent natural talents or genius for some one or more of the sciences taught in said College, and who shall have given early satisfactory evidence of a rare talent or special

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adaptation of mind to one or more of said sciences; and whose circumstances may require pecuniary aid; not meaning hereby to indicate the merely poor and necessitous, but intending any who, possessing a genius of the above mentioned promise, shall not be in circumstances to command or obtain that high degree of education which it is the object of this fund to furnish.

"And I further declare my Will to be, that the said Corporation may apply to the use of the individual or individuals who may be selected under the preceding authority, as the person or persons to whom it shall be applicable, a part or the whole of the interest of said fund, for the education and maintenance of him or them, previously to his or their entrance into said College, or during his or their education therein or afterwards, at home or in foreign countries, for his or their most perfect education or attainment in the science or sciences for which he or they shall have given evidence of his or their genius or adaptation.

"In making the above bequest my design is to establish a fund for the highest possible education and advancement of one or more of those minds of great intellectual power, having a special adaptation to some particular science, which occasionally arise in society, and whose possessors, whether strictly poor or not, are not blessed with pecuniary means adequate to effecting the high state of improvement and advance in science for which they seem to be destined by nature; and therefore I am unwilling that the income of this fund should be applied to the use of any other."

It is further provided that the interest of the fund shall be added to the principal, "except when such interest can be applied for the design and purpose" declared in the will.

These clauses are remarkable as containing a provision, made more than thirty years before the inception of the Graduate School, for enabling this University to encourage and support advanced special study, and to send some of its students abroad for the purposes of such study.

Appointments to the Parker Fellowships are made annually by the President and Fellows of Harvard College, ordinarily upon recommendation by the Faculty of Arts and Sciences; but the appointments so made must receive, under a provision of the founder's will, the approval of the Governor and Chief Justice of the Commonwealth of Massachusetts and the President of the American Academy of Arts and Sciences, or of two of them. This approval is required, "to the end that the income of this fund shall not hereafter be applied to any purpose of general education, but be strictly employed in the advancement of the individuals above indicated."

The Parker Fellowships are open to graduates of Harvard College or of any other department of the University; and may be held for a term not exceeding three years in any case.

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The holder of a Parker Fellowship must devote himself to some special course of study approved by the Faculty of Arts and Sciences; he is restricted, during his tenure of the fellowship, from pursuing the usual studies preparatory to a profession (but not necessarily from higher professional studies), and from occupation in teaching or active business; he may be called upon from time to time to give satisfactory evidence of his fidelity and proficiency; and he is liable, under a provision of the will, to lose his appointment, by vote of the President and Fellows, whenever the evidence of his fidelity and proficiency shall be unsatisfactory to the Faculty of Arts and Sciences, or whenever he may become for any reason unfit, in the opinion of the President and Fellows, to hold a fellowship.

The John Thornton Kirkland Fellowship.

JOHN THORNTON KIRKLAND was born at Herkimer, N. Y., 17 August 1770. He was graduated at Harvard College in the Class of 1789. He was Pastor of the New South Church, Boston, from 1794 to 1810. He received the degree of D.D. from the College of New Jersey in 1802; and that of LL.D. from Brown University, R. I., in 1810. He was President of Harvard University from 1810 to 1828. He died at Boston, 24 April 1840.

The Kirkland Fellowship was founded by GEORGE BANCROFT, of the Class of 1817, Ph.D. (Göttingen 1820), LL.D., D.C.L., L.H.D.; Secretary of the Navy, 1845; Minister to Great Britain, 1846–49; Minister to Prussia, 1867–68; Minister to Germany, 1871–74; historian of the United States. He was born at Worcester, Massachusetts, 3 October 1800, and died at Washington, D.C., 7 January 1891.

Mr. Bancroft announced his wish to establish a Scholarship in the following letter addressed to the President of the University: —

"AMERICAN LEGATION,
"BERLIN, July 4th, 1871.

"SIR, — It has long been my wish to raise a memorial to one of your predecessors, JOHN THORNTON KIRKLAND, and to requite benefits received through him. During a long life in which I have had the opportunity of seeing many men in divers lands, famed for mind and accomplishments, I have seen few who were his equals, and no one who knew better than he how to deal with his fellow-men. His manners were marked by dignity and benignity; they invited confidence and repelled familiarity. A scholar and a man of the world, he was honored and beloved in every circle in Boston, and by all classes in the College. With severe reproofs of misconduct, he mingled so much humaneness and so easy and natural appeals to the better elements of character in those whom he was obliged

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to censure, that his reproof acted like a benediction, and they who received it left his presence abashed, penitent, grateful, and attached. To those who shew aptness for literary pursuits, he was an unfailing friend, treating them with paternal regard while under his care, and watching their career in life with never ceasing interest. There was not in his nature a trace of anything that was mean or narrow. He was always and everywhere devoid of envy or discontent or repining; and was throughout large and liberal, and generous and genial in thought and life. All who knew him well regretted that he did not write more for the public, for it seemed to them that no one in America of his day understood English so well, and that no one had like him the intuitive knowledge of human passions and character. He was suited to any high public office; was ever the honored companion of statesmen, and fit to be the peer of the best of them; but he was satisfied with bringing the University over which he presided into a condition more worthy of the Arts and Sciences which it undertook to teach, and of the affection and benevolence of the community with which it had grown up and prospered. He opened the ways through which it has passed onward to its present eminent condition; and his noble influence still survives to assist you, Sir, in bringing time-honored Harvard still nearer to the excellence which the present age hopes for and expects.

"A little more than fifty-three years ago Edward Everett, then Eliot Professor of Greek Literature, in one of his letters to President Kirkland, developed the idea that it would be well to send some young graduate of Harvard to study for a while at a German university, with a view to his being called to a place on the College Board. The President approved the suggestion, and his choice for this travelling scholarship fell upon me. Accordingly, in the early summer of 1818, being then in my eighteenth year, I proceeded to Göttingen. After remaining more than three years in Europe, I returned to Cambridge, where I held the office of tutor for one year. There being no opening for a permanent connection with the University, I devoted a few years to an attempt to introduce among us some parts of the German system of education, so as to divide more exactly preliminary studies from the higher scientific courses, and thus facilitate the transformation of our Colleges into Universities after the plan everywhere adopted in Germany. But it is not easy to change an organization that has its roots in the habits of the country; and the experiment could not succeed, for it was impossible to introduce the German usage which permits students to pass freely from a private place of instruction to a public one without the exaction of payments for instruction elsewhere received.

"I then applied through the late Judge Charles Jackson, a member of the Corporation and a friend of mine, for leave to read lectures on

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History in the University. At Göttingen or at Berlin, I had the right, after a few preliminary formalities, to deliver such a course. It was the only time in my life that I applied for an office for myself, and this time it was not so much an office, as a permission, that I desired. My request was declined by my own Alma Mater; so that I had not the opportunity of manifesting my affection for her by personal services; and my life has had, in consequence, unexpected variety and independence.

"But wherever my lot has been thrown, I have always preserved in freshness and strength the love which I bore to Harvard College in my youth; and now, in my old age, I still gladly seek an opportunity of proving that attachment.

"I wish therefore to found a Scholarship on the idea of President Kirkland, that the incumbent should have leave to repair to a foreign country for instruction. Merit must be the condition of the election to the Scholarship; no one is to be selected who has not uncommon ability and uncommon disposition to learn. Of course the choice should fall on some one who needs the subsidy.

"You, Sir, as the successor of Dr. Kirkland, may know the funds out of which came the modest but sufficient stipend which I received; and if so, I leave it to you and the Corporation to impose any limitations that you may think right. Otherwise, residence at the University, but not for more than three years, may be required. But the residence should have reference to any of the Schools of Divinity, Law, or Medicine, or of Mines, or Science, or to any other school that is or may be founded, not less than to the classes of the Undergraduates. I think, in an exceptional case, there should be authority to name the scholar from any place, without any previous residence at Cambridge; and if you and the Corporation approve, I wish it to be so established.

"The Scholarship should be held by no one for more than three years, and during that time should be renewed from year to year; but only on evidence that the scholar is fulfilling the purpose of the endowment. I leave to you and to the Corporation to circumscribe, if from the considerations already referred to, you think best, the objects of study to which the incumbent should devote himself. But, for my own part, I am willing the Scholarship should be given to any young person likely to distinguish himself in either of the learned professions, or in any branch of Science, or in Architecture, Sculpture, Painting, Music, or Letters.

. . . . . .

"I wish the Scholarship to bear the name of JOHN THORNTON KIRKLAND.

. . . . . .

"The incumbents of the Scholarship may perhaps be afterwards drawn into the corps of professors at the University; should they render no such service, and should they be prospered in life, I wish each of them so pros-

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pered to be reminded, and, excepting always those permanently connected with the University as instructors and those whose moderate wants press upon their means, I thus in advance charge them, to imitate my example in rendering aid through Harvard College to the cause of arts and letters, of science and learning."

The endowment of the Kirkland Fellowship, amounting to about ten thousand dollars, was completed in 1873. The yearly income is at present four hundred and fifty dollars. The fellowship is administered in accordance with the directions of its founder. The incumbent must, as a rule, have resided three years at the University as a member of the College or of any of the Schools. He may be a student in any of the branches of study enumerated by the founder. He has "leave to repair to a foreign country for instruction."

The James Walker Fellowship.

JAMES WALKER was born at Burlington, Massachusetts, 16 August 1794. He was graduated at Harvard College in 1814. He was Pastor of the Harvard Church, Charlestown, from 1818 to 1839. He received the degree of D.D. from this University in 1835; and that of LL.D. from Yale in 1853, and from Harvard in 1860. He was Alford Professor of Natural Religion, Moral Philosophy, and Civil Polity, at this University, from 1838 to 1853; a Fellow of Harvard College, from 1834 to 1853; and President of the University, from 1853 to 1860. He died at Cambridge, 23 December 1874.

A memorial to President Walker was established at the University, in 1881, by his pupils and friends. This memorial consists of a Mural Tablet, supporting a bust, erected at Memorial Hall, and of a Fellowship, called by his name, having an endowment of about ten thousand dollars. The income of the Walker Fellowship, which is now five hundred dollars, is to be "assigned from time to time by the President and Fellows to a graduate of the University prosecuting his studies at Cambridge or elsewhere, as they may approve, preference being given to a student of ethics and metaphysics and those related branches of knowledge to which Dr. Walker chiefly devoted his life."

The John Tyndall Scholarship.

This foundation, which is classed as a fellowship, and has an annual income of five hundred dollars, was established in 1885 by Professor JOHN TYNDALL, of London, who gave to the President and Fellows of Harvard College the sum of ten thousand eight hundred dollars, with directions "to apply the whole net income thereof in supporting or assisting to support one or more American pupils who may have shown decided talents in Physics, and preferably such as shall express the determination

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to devote their lives to the advancement of theoretic science and original investigation in that department of learning.

"Each person so assisted shall be either a graduate or a student in some department of Harvard University, but not necessarily a candidate for a degree.

"His studies and researches may be conducted at such places in America or at such European Universities as may be considered most desirable, and shall be approved by the Academic Council of Harvard University.

"Such assistance may be continued to the same student from year to year so long as he may be recommended by the Academic Council; but the appointment must be renewed annually, and only upon satisfactory evidence that the incumbent is fulfilling the purpose of the endowment. The student should be required from time to time to furnish evidence of his fidelity, proficiency, and good character.

"If in the course of any year no student of sufficient ability and promise shall require aid from said fund, or for any reason the whole income of said fund shall not be expended, the surplus may either be added to the principal or may be expended in addition to the income of a subsequent year or years.

"The President and Fellows are authorized at their discretion to impose such conditions and make such requirements upon the recipient of aid from said fund as will best secure his faithful devotion to the purposes of this foundation."

The powers here assigned to the Academic Council are now exercised by the Faculty of Arts and Sciences.

The Robert Treat Paine Fellowship of Social Science.

This fellowship, established in 1887, has an endowment of ten thousand dollars, the gift of ROBERT TREAT PAINE, of Boston, of the Class of 1855.

The annual income is five hundred dollars, and may be awarded "to one or more graduates of any department of the University, wishing to study either at home or abroad the ethical problems of society, and the efforts of legislation, governmental administration, and private philanthropy to ameliorate the lot of the masses of mankind.

"Appointments shall be made for the term of one year only, but may be renewed at the discretion of the President and Fellows."

The Memorial Fellowships.

In April, 1889, WILLIAM STORY BULLARD, of Boston, gave to the University the sum of thirty thousand dollars for the purpose of founding three fellowships of equal value "in grateful and affectionate remembrance of three friends." These fellowships are as follows:—

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THE HENRY LEE MEMORIAL FELLOWSHIP; for the study of Political Economy. This fellowship is instituted in memory of HENRY LEE, of Boston, born 4 February 1782, died 6 February 1867.

THE OZIAS GOODWIN MEMORIAL FELLOWSHIP; for the study of Constitutional or International Law. This fellowship is instituted in memory of OZIAS GOODWIN, of Boston, born 4 March 1794, died 20 September 1862.

THE HENRY BROMFIELD ROGERS MEMORIAL FELLOWSHIP; for the study of Ethics in its relations to Jurisprudence or to Sociology. This fellowship is instituted in memory of HENRY BROMFIELD ROGERS, of Boston, of the Class of 1822.

The Memorial Fellowships may, at the discretion of the Faculty of Arts and Sciences, be held by graduates either of this University or of others, and either by resident students at this University or by persons studying abroad. The yearly income of each of these fellowships is at present four hundred and fifty dollars.

Mr. Bullard directed that "should there, for any year, be no appointment to these fellowships, or to any one of them, the income may be added to the principal, or, at the discretion of the President and Fellows, may be applied in any way that may be, in their opinion, for the best interests of the Students and University."

The Hemenway Fellowship.

In June, 1891, Mrs. MARY HEMENWAY, of Boston, gave to the Trustees of the Peabody Museum of American Archaeology and Ethnology the sum of ten thousand dollars, for the purpose of establishing the Hemenway Fellowship of American Archaeology and Ethnology, under the following conditions: —

"The Fellowship shall be assigned annually by the Trustees to some student of Harvard University who shall pursue the study of American Archaeology and Ethnology. The Trustees are authorized to impose such conditions and make such requirements upon the Hemenway Fellow, thus appointed, as will best secure his devotion to the purposes of this foundation, and they may require him to render such assistance to the Peabody Professor of Archaeology or the Curator of the Peabody Museum as they think fitting."

The fund on which this fellowship rests is now vested in the President and Fellows of Harvard College. The Faculty of the Peabody Museum annually nominate for the fellowship a student in the Graduate School.

The present income of the Hemenway Fellowship is four hundred and fifty dollars.

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The Whiting Fellowships.

HAROLD WHITING, of the Class of 1877, Master of Arts of 1878, and Doctor of Philosophy of 1884, Instructor in Physics from 1883 to 1891, and afterwards Associate Professor of Physics in the University of California, was lost, 27 May 1895, in the wreck of the steamer Colima in the Pacific Ocean. His wife and his four children perished with him. His will, dated 30 July 1894, bequeathed twenty thousand dollars to the President and Fellows of Harvard College, in the event of the death of himself and his wife, with no living issue, "for the purpose of establishing and maintaining from the net income thereof one or more fellowships in Physics, in connection with the Graduate Department of the University, to be called, in memory of my late father, WILLIAM WHITING, the Whiting Fellowships."

The Corporation have established accordingly on this foundation three fellowships, having an annual income of three hundred dollars each, to be given to students of Physics in the Graduate School.

The Austin Fellowship in Architecture.

This fellowship, with an income of one thousand dollars, was established in 1899 by a vote of the President and Fellows, setting apart for the purpose a portion of the income of the fund received by the University under the will of Edward Austin of Boston.

The fellowship is open for competition to those who of their own means are not able to bear the expense of a year's study abroad. Candidates must be Bachelors of Science in Architecture of Harvard University, of not more than three years' standing at the Commencement next preceding the examination for the fellowship, and must have taken the degree *with distinction*. The selection among those admitted to candidacy will be made on the results of a competitive examination in the history of architecture and in design, to be held in Cambridge in the month of October of each year.

In the history of architecture each candidate will be examined on a special period to be selected by him in advance. Candidates must send notice of their choice of a period to the Professor of Architecture at least thirty days before the time set for the examination.

In the examination in design candidates will be required to present themselves at a specified time and place, when the problem will be proposed to them and they will have eight hours for the preparation of preliminary sketches. These will be retained by the Department of Architecture for comparison with the final drawings. During the making of the preliminary sketches candidates will be under the supervision of an instructor of the Department. Candidates will be given three weeks in which to prepare the final drawings, and will be required to present

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with them a written statement that they have been prepared without aid, direct or indirect, from other persons. The facilities of the Department will be free to candidates during the time of preparation of the final drawings.

Applications of candidates must be sent to the Secretary of the Lawrence Scientific School before the first day of September of the year in which they expect to present themselves for examination. The award will be made on the nomination of the instructors of the Department of Architecture acting in coöperation with the Committee appointed by the Board of Overseers to visit the Department.

The candidate who receives the fellowship will be required to spend at least one year in travel and study in Europe under the general direction of the Professor of Architecture. He will be required to send monthly reports of his progress, and to send at the end of each half-year a measured drawing of some monument of architecture which must be approved by the Department. He will also be required to make, during his stay in Europe, a special study of a single building or group of buildings, and on his return must present a written essay illustrated by drawings, embodying the results of his study.

This fellowship will be withdrawn after the present academic year.

The Austin Teaching Fellowships.

Eight fellowships, with an income of five hundred dollars each, were established in 1899 by a vote of the President and Fellows, setting apart for the purpose a portion of the income of the fund received by the University under the will of Edward Austin (see p. 533). In 1900 the number was increased to sixteen. These fellowships are awarded by the Corporation on the recommendation of a Division or Department of the Faculty of Arts and Sciences. The incumbents, while employed as instructors or assistants under the Faculty, are allowed to devote half their working time to advanced study or research under the direction of their several Divisions.

The John Harvard Fellowships.

These fellowships were established in 1895 by the President and Fellows of Harvard College, in accordance with a recommendation of the Faculty of Arts and Sciences. They are without stipend; but are given on the same grounds of high scholarship and promise, and under the same conditions as to study and report, as the fellowships carrying income. They may be given either to resident or non-resident students. No applications are received for them, but candidates are selected on the nomination of the several Divisions and Departments. The fellowships of this class are undetermined in number.

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The Edward Austin Fellowships.

In November, 1900, the President and Fellows voted to establish from the income of the Edward Austin Fund (see p. 533) four Edward Austin Fellowships of $500 each, "to be assigned and held under the rules now in force for the Morgan Fellowships, the first assignment thereof to be for the year 1901–02."

In accordance with this vote these fellowships will be assigned to persons undertaking advanced studies in the departments in which the degrees of Doctor of Philosophy and Doctor of Science are given. An applicant need not have received, or be a candidate for, any academic degree, but must exhibit proof of such previous training, attainments, and capacity, as promise special fitness for the work which he undertakes. The holder of an Edward Austin Fellowship will be required to carry on his studies subject to the approval and under the supervision of the Standing Committee in the Division or Department in which his studies lie, to reside at the University through the academic year, and to engage in no other occupation, except such public instruction as may have been approved by the Faculty of Arts and Sciences. The appointments will be made annually by the President and Fellows on recommendation by the Faculty of Arts and Sciences.

The term of appointment will be one year, but the holder will be eligible for appointment for a second term.

The Charles Eliot Norton Fellowship in Greek Studies.

In 1902, James Loeb, of the Class of 1888, gave securities valued at fourteen thousand one hundred dollars for the permanent establishment of this fellowship, which he had maintained during the year 1901–02, "in grateful recognition of the long and great friendship which Professor Norton has shown him since his boyhood, and in order to record in a fitting manner the eminent services which Professor Norton has rendered the cause of Archaeology, and his beneficent prominence in the Archaeological Institute of America and the American School of Classical Studies at Athens."

Competition for the fellowship is open to members of the Senior Class in Harvard College and of the Graduate School of Harvard University, and to Seniors and Graduate Students in Radcliffe College. It has an annual income of six hundred dollars.

The award will be made by a committee appointed by the Department of the Classics, of which committee Professor Norton is to be a member during his life, on the basis (1) of a Thesis on a subject approved by this committee, and (2) of such other evidence of scholarship as may be accessible. In the award, no account is to be taken of the financial means of the competitor.

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The editors of the Harvard Studies in Classical Philology are to have the right to publish the thesis of the successful candidate.

The incumbent of the fellowship must agree to pursue his studies for the year of his incumbency at the American School of Classical Studies at Athens, and to devote himself to the study of some special subject approved by the committee, in the field of Greek History, Literature, Art, Archaeology, Epigraphy, or Topography. He shall also agree to write and publish, at the end of the year of his fellowship, a monograph embodying the results of his investigations.

In accordance with the terms of the fellowship, the third award will be made in the spring of 1903, for the academic year 1903–04. The following subjects for theses are proposed by the Committee: —

(1) *Plato's Conception of Art.*
(2) *Greek Myths of which the sole evidence is in Works of Art.*
(3) *The Part taken by Women in Greek Cults.*
(4) *Greek Armour with especial reference to the form and ornamentation of the Helmet.*

Candidates may, however, with the consent of the Committee, write on other classical subjects.

Applications for admission to candidacy must be made to the Chairman of the Department of the Classics not later than November 1, 1902, and the theses of approved candidates must be presented to the Chairman not later than March 1, 1903.

The South End House Fellowship.

This fellowship, maintained since 1900 from annual subscriptions of six hundred dollars, is "to be called the South End House Fellowship, and to be devoted to the promotion of the study of social problems," under the following conditions: —

1. The incumbent shall reside at the South End House, 6 Rollins Street, Boston, and shall also register as a student in the Graduate School of Harvard University. He shall engage in study and research on social subjects.

2. Appointment to the fellowship shall be made on nomination of the Department of Political Economy and of the Plummer Professor of Christian Morals; and the work of the incumbent shall be carried on under the supervision of this Department and of the Plummer Professor.

3. Among candidates equally deserving, preference in appointment shall be given to graduates of Harvard College.

The Nelson Robinson Jr. Travelling Fellowship in Architecture.

This fellowship, with an income of one thousand dollars, was established in 1902 by vote of the President and Fellows, from the income of the

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NELSON ROBINSON JR. Fund, for Bachelors of Science in Architecture of Harvard University who have taken the degree *with distinction* or who have completed with distinction a year of Graduate study in Architecture at the University. The selection among those admitted to candidacy will be made on the results of a competitive examination in the history of architecture and in design, to be held in Cambridge in the month of April of each year. Applications of candidates must be sent to the Chairman of the Committee on Fellowships and other Aids for Graduate Students before the first day of January of the year in which the candidates expect to present themselves for examination. Travel and study in Europe are required. This fellowship will not be awarded until 1903–04. It is to supersede the Austin Fellowship in Architecture.

The holder of this fellowship is not to be more than twenty-six years old at the time of his appointment.

A Travelling Fellowship in Indic Philology.

This fellowship is maintained, for 1902–03, with an income of seven hundred and fifty dollars received as gifts for that purpose.

SUPPLEMENTARY FOUNDATIONS.

Besides the fellowships and scholarships which are regularly open to Graduate Students the following foundations for the encouragement of special study are, or may be, available for their benefit: —

The Humboldt Scholarship Fund.

This fund, now amounting to about eight thousand dollars, was given to the Trustees of the Museum of Comparative Zoölogy by the BOSTON SOCIETY OF NATURAL HISTORY in November, 1869. It was derived from the proceeds of a celebration, held in Boston in that year, of the centennial anniversary of the birth of ALEXANDER VON HUMBOLDT, augmented by a special subscription and by money received from the sale of an address delivered on the occasion of the celebration by Professor LOUIS AGASSIZ. Its income is applied, under the direction of the Faculty of the Museum of Comparative Zoölogy, towards the maintenance of one or more persons engaged in the study of Zoölogy or of other branches of Natural History.

The Thaw Fellowship Fund.

This fund was given to the Trustees of the Peabody Museum of American Archaeology and Ethnology in October, 1890, by Mrs. MARY COPLEY THAW, of Pittsburg, Pennsylvania, in memory of her husband, the late WILLIAM THAW. It is now vested in the President and Fellows of Harvard College. Its income is to be devoted to the promotion of "work

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and research relating to the Indian race of America, or other ethnological and archaeological investigations"; and is to be devoted, for a series of years, "to aid and further the philanthropic and scientific work" of a person named by the founder, — a work carried on "as well for the advancement of the Indians as for the enlightenment of the American people." The present annual income of this fund is about eleven hundred and forty dollars.

This fund may, at a future time, become available for students in the Graduate School, engaged in studies in American Archaeology and Ethnology.

SCHOLARSHIPS.

Two hundred and five scholarships with stipend are now available for students under the charge of the Faculty of Arts and Sciences. The aggregate income of these scholarships is $47,755; which includes $3,300, granted by the University itself, under the names of University and Normal School Scholarships.

Besides the scholarships with stipend, fifteen John Harvard Scholarships, and fifty-four Harvard College Scholarships, which are appointments without stipend, have been awarded this year to students of distinguished merit in Harvard College.

The scholarships are restricted, with a few exceptions, to resident students. Directions for making application, and information as to the principles which regulate the assignment, will be found on pages 522, 523. Appointments are made by the President and Fellows of Harvard College, on nomination by the Faculty of Arts and Sciences, except in cases where a different mode of appointment or nomination is indicated in the subjoined list.

An alphabetical list of the scholarships which are open, or destined to be open, to students under the charge of the Faculty of Arts and Sciences is presented below. It includes a few scholarships, not counted in the above enumeration, which are not yet available or are temporarily in abeyance. In this list the letters **H. C.**, **L. S. S.**, **G. S.**, and **B.** indicate that a scholarship is open to students in Harvard College, the Lawrence Scientific School, the Graduate School, and the Bussey Institution, respectively.

The Abbot Scholarship (H. C.); with an income of one hundred and fifty dollars. A fund of two thousand dollars, contributed by persons educated at Phillips Exeter Academy, was established in 1852 in memory of Dr. Benjamin Abbot, formerly Principal of that Academy. The income of this fund is payable to such needy undergraduate as may be selected by the Faculty for scholarship and good character; descendants and other relations of Dr. Abbot and the best scholars from said Academy to be preferred in the order named.

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THE ALFORD SCHOLARSHIP. A bequest of one hundred and thirty-three pounds, six shillings, and eight pence, from Mrs. JOANNA ALFORD, of Charlestown, was received in 1785, the income of which is to be appropriated to the education of students in indigent circumstances. This fund is to accumulate for the present; and the scholarship is therefore not now available.

THE AUSTIN SCHOLARSHIPS FOR TEACHERS (H. C., L. S. S., and G. S.); eight, with an income of two hundred and fifty dollars each. Established in 1899 by a vote of the President and Fellows, assigning for the purpose a portion of the income of the fund received by the University under the will of EDWARD AUSTIN, of Boston (see page 533). These scholarships are open to persons who have attained established positions as teachers in colleges or secondary schools or as superintendents of schools and intend to return to service in the same or similar positions. Preference will be given in the assignment to applicants who have obtained leave of absence for one year for the purpose of studying at the University.

THE AUSTIN SCHOLARSHIPS IN ARCHITECTURE (G. S.); two, with an income of three hundred dollars each. Established in 1902 by a vote of the President and Fellows, from the income of the EDWARD AUSTIN Fund (see page 533), and open to Harvard Bachelors of Science in Architecture.

THE AUSTIN SCHOLARSHIP IN LANDSCAPE ARCHITECTURE (G. S.); with an income of three hundred dollars. Established in 1902 by a vote of the President and Fellows, from the income of the EDWARD AUSTIN Fund (see page 533), and open to Harvard Bachelors of Science in Landscape Architecture.

THE BARTLETT SCHOLARSHIP (H. C.); with an income of two hundred and fifty dollars. A bequest of five thousand dollars from Dr. HENRY BARTLETT, of Roxbury, of the Class of 1820, was received in 1881, "to found or establish a scholarship, the income only to be used in aid of meritorious undergraduates who may require such assistance."

THE BASSETT SCHOLARSHIPS (H. C.); three, with an income of ninety dollars each. A bequest of five thousand dollars, from FRANCIS BASSETT, of Dennis, of the Class of 1810, was received in 1876, the income of which is payable equally to three undergraduates, one of the Sophomore, one of the Junior, and one of the Senior Class, to be selected by the Faculty, and to stand above the medium rank in their respective Classes.

THE BIGELOW SCHOLARSHIPS (H. C.); two, with an income of two hundred and fifty dollars each. A bequest of ten thousand dollars from TYLER BIGELOW, of Watertown, of the Class of 1801, was received in 1865, the income thereof to be given to indigent undergraduates selected

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by the Corporation with reference to habits of industry and earnest effort, and without regard exclusively to rank.

THE BORDEN SCHOLARSHIP. Founded in 1896, from a bequest made by SAMUEL AUGUSTUS BORDEN. Not yet available.

THE BOWDITCH SCHOLARSHIPS (H. C.); twenty, with an income of two hundred and fifty dollars each. Founded in 1860 by NATHANIEL INGERSOLL BOWDITCH, of Boston, of the Class of 1822, and to be distributed by the President equally among the several Classes to poor and deserving students according to their rank or self-improvement. The sum of seventy thousand dollars in United States bonds was received in 1864 as the principal of this fund.

THE BRIGHT SCHOLARSHIPS (H. C.); five, with an income of two hundred dollars each. Established in 1880 under the will of JONATHAN BROWN BRIGHT, of Waltham, with one half the income of the BRIGHT legacy of fifty thousand dollars. Descendants of Henry Bright, Jr., of Watertown, Mass. (died 1686), who may be students in any department of Harvard University, are entitled to enjoy these scholarships; such descendants failing, the scholarships are to be applied "to the maintenance and support of any meritorious undergraduate or undergraduates of the said College whose circumstances may require pecuniary aid."

THE BROWNE SCHOLARSHIP (H. C.); with an income of one hundred and fifty dollars. Founded by WILLIAM BROWNE, of Salem, and his descendants. In 1687, WILLIAM BROWNE, 1st, bequeathed to the College one hundred pounds, "to be improved for the bringing up of poor scholars." In 1708, BENJAMIN BROWNE bequeathed two hundred pounds for the same purpose, giving the preference to Salem scholars. In 1716, Major WILLIAM BROWNE, 2d, brother to Benjamin, bequeathed one hundred pounds, the income to be used to help support his descendants while students at the College; if none there, then to help maintain poor scholars from Salem. In 1720, Colonel SAMUEL BROWNE gave one hundred and fifty pounds for the same purpose; and added to this gift by his will, in 1731, his estate in Hopkinton, the income therefrom to be used for bringing up poor scholars, those recommended by his posterity to be preferred.

THE MOREY WILLARD BUCKMINSTER SCHOLARSHIP (H. C.); with an income of two hundred dollars. Founded in 1898, with a principal of five thousand dollars, by WILLIAM B. BUCKMINSTER in memory of his son, MOREY WILLARD BUCKMINSTER, who, if he had lived, would have entered Harvard College in the Class of 1902. The income of this fund is to be given "to some worthy young man in the regular course." Preference is to be given to the descendants of the Class of 1902.

THE BURR SCHOLARSHIPS (H. C.); six, with an income of two hundred dollars each. Established in 1895 from the residuary bequest of

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thirty thousand five hundred and twenty-two dollars and fourteen cents made by Mrs. SOPHIA GAGE BURR, of West Chester, Pennsylvania, widow of RUSHTON DASHWOOD BURR, a graduate of the Divinity School in the Class of 1852, who died in 1893. The income of this bequest is to be applied "to the maintenance of scholarships in the said College to be called the 'Burr Scholarships,' the sum to be applied annually to each scholarship not to exceed two hundred dollars."

THE RULUFF STERLING CHOATE SCHOLARSHIP (H. C.); with an income of two hundred and seventy-five dollars. Founded in 1884 by JOSEPH HODGES CHOATE, of New York, of the Class of 1852, with a principal of six thousand dollars. The income is to be paid to "some meritorious student in the undergraduate department of the University who shall require the same."

THE SCHOLARSHIP OF THE CLASS OF 1802 (H. C.); with an income of three hundred and twenty-five dollars. The CLASS fund of six thousand dollars was received by the College in 1870. The income of the fund is to be "applied to the aid of such needy descendants of the members of the said Class as may be students at said College, and of other needy and meritorious students."

THE SCHOLARSHIP OF THE CLASS OF 1814 (H. C.); with an income of one hundred and twenty-five dollars. In 1853 this CLASS raised by subscription a fund of two thousand three hundred dollars, the income of which is to be paid to "some meritorious student who is an undergraduate of the College holding a respectable rank as a scholar, preference to be given to descendants of members of said Class."

THE SCHOLARSHIP OF THE CLASS OF 1817 (H. C.); with an income of one hundred and seventy-five dollars. Founded from gifts amounting to two thousand and sixty-five dollars, received from the CLASS, between 1852 and 1866. The income is to be awarded to some meritorious undergraduate of respectable standing as a scholar, but without special reference to academic rank; and descendants of members of the Class are to have the preference as applicants.

THE SCHOLARSHIP OF THE CLASS OF 1828 (H. C.); with an income of one hundred and fifty dollars. The CLASS fund of twelve hundred and ninety-four dollars was received by the College in 1882, and eleven hundred and ninety dollars and forty-three cents additional in 1889. The income of the fund is to be expended in aid of one or more poor and honest hard-working students connected with the College in any way, but under its guidance, though they may not be of the finest talent or highest college rank; preference to be given to descendants of members of the Class who meet all the above-stated conditions.

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THE SCHOLARSHIP OF THE CLASS OF 1835 (H. C.); with an income of one hundred and seventy-five dollars. Founded by the CLASS from gifts amounting to one thousand eight hundred and fifteen dollars, received between 1853 and 1892, for the benefit of meritorious young men, whether descendants of members of the Class or otherwise.

THE SCHOLARSHIP OF THE CLASS OF 1841 (H. C.); with an income of two hundred dollars. The CLASS fund of two thousand dollars was received in 1871, to which additions have been made as follows: one thousand dollars in 1876 from FRANCIS EDWARD PARKER; two hundred dollars in 1884 from the estate of SETH EDWARD SPRAGUE; and one thousand dollars in 1902 from ten survivors of the Class. The income is to be paid to some one deserving undergraduate; descendants of members of the Class to have the preference as candidates.

THE SCHOLARSHIPS OF THE CLASS OF 1856 (H. C.); two, with an income of three hundred dollars each. In 1885, DAVID PULSIFER KIMBALL, of Boston, of the Class of 1856, gave railroad bonds to the amount of ten thousand dollars, and in 1899 gave an additional sum of one thousand dollars, for the establishment of two or more scholarships to be known as Scholarships of the Class of 1856, the income to be used "in the discretion of the Faculty to aid two or more undergraduates needing pecuniary assistance in obtaining an education at Harvard College."

THE SCHOLARSHIP OF THE CLASS OF 1867 (H. C.); with an income of one hundred and seventy-five dollars. In 1886, SAMUEL HOAR, of Concord, of the Class of 1867, gave two thousand dollars to found this scholarship. The sum of five hundred and fifteen dollars and eighty-six cents, received from members of the CLASS through the Class Secretary, and the sum of one thousand dollars, the bequest of CLEMENT KELSEY FAY, have been added to the fund. "The net income shall be annually paid at or near the beginning of the second half of each College year to some member of the Freshman Class, in the Academic Department of Harvard College, who shall seem to the said President and Fellows meritorious and in need of assistance." "Children or grand-children of members of the Class of 1867 of Harvard College who are deemed worthy shall be preferred."

THE SCHOLARSHIP OF THE CLASS OF 1877 (H. C.); with an income of two hundred dollars. Founded in 1902 by JAMES BYRNE, of the Class of 1877, who gave for that purpose the sum of five thousand dollars. It is the wish of the founder "that the income should be paid to an undergraduate who needs it, but his standing in his studies should be of the highest."

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THE SCHOLARSHIP OF THE CLASS OF 1883 (H.C.); with an income of two hundred dollars. Founded in 1900 by ALBERT C. BURRAGE, of the Class of 1883, who gave for that purpose the sum of five thousand dollars in bonds. It is the wish of the founder "that the income from this fund should be paid from year to year to deserving and needy students of good standing in the senior class in Harvard College," and "that if it is possible, preference should be given to the sons of members of the class of 1883."

THE CROWNINSHIELD SCHOLARSHIPS (H. C.); two, with an income of two hundred and twenty-five dollars each. Founded from a bequest, received in 1877, of five thousand dollars, made by FRANCIS BOARDMAN CROWNINSHIELD, of Boston, of the Class of 1829. These scholarships, when vacant, are to be assigned by the Corporation, after public notice, to Freshmen, who shall hold them during their whole undergraduate course, subject to removal by the Corporation at any time.

THE WARREN H. CUDWORTH SCHOLARSHIPS (H. C.). Mrs. C. M. BARNARD, of Everett, offers to provide annually at present for two scholarships of three hundred dollars each in memory of Rev. WARREN HANDEL CUDWORTH, of the Class of 1850, a graduate of the Divinity School of 1851, who died in 1883; "for poor and meritorious students in Harvard College, whether candidates for a degree or not," students from Lowell and from East Boston to be preferred.

THE FRANCIS HATHAWAY CUMMINGS SCHOLARSHIP (G. S., L. S. S., and B.); with an income of two hundred dollars. Founded in 1898, with a principal of five thousand dollars, by CHARLES A. CUMMINGS and MARGARET K. CUMMINGS, in memory of their son, FRANCIS HATHAWAY CUMMINGS, of the Class of 1895. The income of this scholarship is "to be used for the benefit of students of proved merit who hold the degree of Bachelor of Arts from Harvard College, who need assistance, and who wish to pursue, either in the Graduates' School, the Lawrence Scientific School or the Bussey Institution a course of study in Applied Botany or in such other branches of the University teaching as will best prepare them for the profession of Landscape Gardener, or for the efficient practice of Horticulture, Arboriculture or Forestry."

THE DANA SCHOLARSHIP OF THE CLASS OF 1852 (H. C.); with an income of two hundred dollars. Founded in 1876 from a bequest of nineteen hundred and seventy-four dollars and twenty-eight cents made by MRS. ANN F. SCHAEFFER, of Boston, in memory of her son, CHARLES FRANCIS DANA, of the Class of 1852, who died in 1867. The income is to be paid to "such students as shall deserve and need it, without any special reference to the College rank."

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THE GEORGE AND MARTHA DERBY SCHOLARSHIP (G. S.); with an income of two hundred and fifty dollars. Founded in 1881 from a bequest of five thousand dollars made by Miss MARTHA C. DERBY, of Boston, sister to Dr. GEORGE DERBY, of the Class of 1838, who died in 1874.

THE JULIUS DEXTER SCHOLARSHIP (H. C.); with an income of one hundred and seventy-five dollars. Founded in 1892 by an anonymous friend, with a principal of two thousand dollars, to which the sum of two thousand two hundred and sixteen dollars and twenty-five cents was added in 1896. The income is to be "devoted to aiding worthy and needy undergraduates in the academical department of Harvard University — those from Cincinnati in particular and from Ohio in general to be preferred over others."

THE ORLANDO W. DOE SCHOLARSHIP (H. C.); with an income of one hundred dollars. Founded in 1893 from a bequest of five thousand dollars made by Dr. ORLANDO WITHERSPOON DOE, of Boston, of the Class of 1865, "the interest of one half to be given as a scholarship annually to a deserving student in the academical department."

THE WILLIAM SAMUEL ELIOT SCHOLARSHIP (H. C.); with an income of two hundred and fifty dollars. Founded in 1875 by SAMUEL ELIOT, of Boston, of the Class of 1839, in memory of his son, WILLIAM SAMUEL ELIOT, of the Class of 1874. The income of his gift of five thousand dollars is payable "to a student taking a Greek elective, or in case no such student needs pecuniary assistance, to any student or students at the discretion of the Dean of Harvard College."

THE JOSEPH EVELETH SCHOLARSHIPS (H. C. and L. S. S.); five, with an income of two hundred dollars each. Founded from the residuary bequest, received in 1896, of thirty-seven thousand eight hundred and ninety-seven dollars and fourteen cents, made by JOSEPH EVELETH, of Boston and Watertown, Sheriff of Suffolk County from 1840 to 1855 except in 1853; "for aiding deserving and indigent young men in obtaining an education in said College or any of the schools connected therewith." Eight scholarships have been established on this foundation, of which three are assigned to the Lawrence Scientific School; three to the Medical School; and two to Special Students in Harvard College.

THE FALL RIVER SCHOLARSHIP (H. C.); with an income of eighty dollars. Founded in 1893 by MILTON REED, of Fall River, of the Class of 1868, with a gift of one thousand dollars, to which he has subsequently added two hundred dollars and the Harvard Club of Fall River has added eight hundred dollars. The annual income is to be paid "to some meritorious needy undergraduate student at the College proper, the

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preference to be given to some such student from the City of Fall River, Massachusetts."

THE FARRAR SCHOLARSHIP (H. C.); with an income of two hundred and fifty dollars. Founded by Mrs. ELIZA FARRAR, of Springfield, in memory of her husband, JOHN FARRAR of the Class of 1803, Hollis Professor of Mathematics and Natural Philosophy from 1807 to 1836. The income of her bequest of five thousand dollars, received in 1873, is to be applied "towards the maintenance and support of one meritorious student then being an undergraduate in said College."

THE RICHARD AUGUSTINE GAMBRILL SCHOLARSHIP (H. C.); with an income of four hundred and twenty-five dollars. Founded in 1890, with a principal of ten thousand dollars, by Mrs. ANNA VAN NEST GAMBRILL, of New York, in memory of her husband, RICHARD AUGUSTINE GAMBRILL, a graduate of the College of the Class of 1872, and of the Law School in 1876. The beneficiary must be an undergraduate of the College who will be benefited by such assistance, but he need not be absolutely dependent upon it for his ability to remain in College.

THE VIRGINIA BARRET GIBBS SCHOLARSHIP (G. S.); with an income of two hundred and fifty dollars. Founded in 1892 by THEODORE K. GIBBS, of New York. This scholarship is to be awarded to "one or more students who may have shown decided talent in Zoölogy and preferably in the direction of marine Zoölogy." The incumbent must be "either a graduate or a student in some Department of Harvard University, but not necessarily a candidate for a degree. His studies and researches may be conducted at the Natural History Laboratories of the Museum of Comparative Zoölogy at Harvard College, at the Newport Marine Laboratory, or at such European Laboratories or other place on the seashore in this country or elsewhere as may be approved by the Faculty of the Museum of Comparative Zoölogy and by the Professors of Zoölogy and Comparative Anatomy of Harvard University." The appointment is made annually by the President and Fellows of Harvard College on nomination by the Faculty of the Museum and the Professors of Zoölogy and Comparative Anatomy.

THE CHARLES HAVEN GOODWIN SCHOLARSHIP (H. C. and G. S.); with an income of three hundred dollars. Founded in 1889 by Professor WILLIAM WATSON GOODWIN, of the Class of 1851, in memory of his son, a graduate of the Class of 1888. The original gift was six thousand dollars, to which one thousand dollars was added by the founder in 1899. "The scholarship shall be assigned by the Corporation, on the nomination of the Department of Classics, before the beginning of each academic year, to some deserving student distinguished in classical scholarship, who will be benefited by such assistance, but not necessarily to one who

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is absolutely dependent upon outside aid for the ability to remain at the University. The beneficiary must be either a graduate of Harvard College who is a student of the Classics in the Graduate School, or a member of the Senior Class in Harvard College."

THE BENJAMIN D. GREENE SCHOLARSHIP (H. C.); with an income of one hundred and fifty dollars. Founded in 1863, from a bequest of one thousand dollars made by BENJAMIN DANIEL GREENE, of Boston, of the Class of 1812, "to establish a scholarship for a poor scholar, the appointment thereto to be vested in the President for the time being."

THE PRICE GREENLEAF SCHOLARSHIPS (H. C.); ten, with an income of three hundred dollars each. Established in 1887 under the will of EZEKIEL PRICE GREENLEAF, of Quincy. The will provides that "a sum equal to, but not exceeding, three thousand dollars a year, shall be divided into shares of three hundred dollars each, and each of said shares shall be paid in each year to an undergraduate, who, by reason of insufficient means, shall be unable to pay the expenses necessarily incurred in pursuing his studies as a member of the Academic Department of the College. In the selection of ten students, to each of whom one of said shares of three hundred dollars is to be paid, preference is to be given to those who by industry, good conduct, and zealous effort shall be deemed by the President and Dean of the College to be meritorious students, and entitled to encouragement and support; it being, however, my wish that said money should not be awarded to any student solely by reference to his rank or standing as a scholar, but that regard should also be had to earnest and honest endeavor to attain excellence."

THE JOHN HARVARD SCHOLARSHIPS (H. C.); without stipend. These scholarships are awarded, at the beginning of each academic year, to undergraduates of Harvard College whose work in the preceding year is of such excellence that they are deemed worthy of very high academic distinction, and who do not receive scholarships having stipends. Applications are not received for JOHN HARVARD Scholarships.

THE HARVARD COLLEGE SCHOLARSHIPS (H. C.); without stipend. These scholarships are awarded at the beginning of each academic year to undergraduates of Harvard College who have shown marked excellence in the work of the preceding year but have not attained the standard required for the JOHN HARVARD Scholarships, and who do not receive scholarships having stipends. No applications are received for the Harvard College Scholarships.

THE SCHOLARSHIP OF THE HARVARD CLUB OF CHICAGO (G. S.); with an income of three hundred dollars. Maintained since 1893 by the HARVARD CLUB OF CHICAGO; to be awarded to a graduate of an Illinois university

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or college who wishes to pursue graduate studies at Harvard University. The appointment is made annually by a committee of the club.

THE SCHOLARSHIP OF THE ROCKY MOUNTAIN HARVARD CLUB (H. C. and G. S.). Maintained since 1890 by the ROCKY MOUNTAIN HARVARD CLUB, of Denver, Colorado; to be awarded to a promising graduate of a Colorado college or school pursuing his studies at Harvard University; the appointment to be made annually by a committee of the club.

THE SCHOLARSHIP OF THE HARVARD CLUB OF SAN FRANCISCO (G. S.); with an income of two hundred and fifty dollars. Maintained since 1886 by the HARVARD CLUB OF SAN FRANCISCO; to be awarded to a graduate of the University of California studying in the Graduate School of Harvard University. The appointment is made annually by the club, in consultation with the Faculty of the University of California.

THE SCHOLARSHIP OF THE HARVARD CLUB OF ST. LOUIS (G. S.); with an income of three hundred dollars. Maintained since 1900 by the Harvard Club of St. Louis; to be awarded to some competent student from Missouri, selected by the Club, who shall engage to pursue advanced studies in the Graduate School.

THE JOHN APPLETON HAVEN SCHOLARSHIP (H. C.); with an income of four hundred dollars. Founded in 1902, with a principal of ten thousand dollars, by JOHN HAVEN, of the Class of 1841, in memory of his father, JOHN APPLETON HAVEN, of Portsmouth, New Hampshire, a graduate of the Class of 1813. The income "shall be applied towards the support and education of such needy undergraduate of Harvard College as by the proper college authorities shall be deemed worthy to receive such aid. In the selection of such student preference is to be given to any one bearing the name of Haven, and if there be none such then to such an one as may be descended from any of my classmates of the Class of 1841." The income may be divided between two worthy students.

THE HILTON SCHOLARSHIPS (H. C. and L. S. S.); two, with an income of two hundred and twenty-five dollars each. Founded in 1897, from a bequest of WILLIAM HILTON, of which the sum of twenty-two thousand five hundred and fifty-three dollars and sixty-seven cents has been received. Four scholarships exist on this foundation; of which one is assigned to Harvard College, one to the Lawrence Scientific School, and two to the Medical School.

THE EBENEZER ROCKWOOD HOAR SCHOLARSHIP (H. C.); with an income of four hundred dollars. Established in 1895 from a bequest of ten thousand dollars made by EBENEZER ROCKWOOD HOAR, of Concord, of the Class of 1835, "the income to be applied to the education of meritorious undergraduates of said College from the town of Concord, either

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immediately after entering or later. If such fail to apply, then to accumulate until the principal shall reach the sum of twelve thousand dollars, which shall constitute two scholarships, and whenever no Concord boy shall apply for either, the income for the year may be given by the Corporation to another undergraduate."

THE LEVINA HOAR SCHOLARSHIP (H. C. and G. S.); with an income of two hundred and fifty dollars. Founded in 1876, from the residuary bequest of four thousand five hundred dollars, made by Miss LEVINA HOAR, of Lincoln, "the income of which shall be applied to assist in the support of meritorious students at said College who may be in need of assistance, giving a preference always to students from the town of Lincoln, in Massachusetts." This scholarship may be assigned to a student in the Graduate School.

THE HODGES SCHOLARSHIP (H. C.); with an income of two hundred and fifty dollars. Founded in 1878, with a principal of five thousand dollars, by Rev. RICHARD MANNING HODGES, of Cambridge, of the Class of 1815. The income is to be given "to a meritorious student, without pecuniary means, of the Senior Class, — his merit depending, without reference to scholarship, upon diligence and good character, though scholarship is to be no bar to the beneficence to be bestowed."

THE HOLLIS SCHOLARSHIP (H. C.); with an income of two hundred and twenty-five dollars. Founded by THOMAS HOLLIS, of London, in 1722, and his brother, NATHANIEL HOLLIS, in 1732, for the benefit of pious young students designed for the ministry, and who may be needy and deserving.

THE HENRY B. HUMPHREY SCHOLARSHIP (H. C.); with an income of four hundred and fifty dollars. Established in 1890 from a bequest of ten thousand dollars made by Mrs. PASTORA E. HUMPHREY, of Newport, Rhode Island, "to found a scholarship for the benefit — first, of any pupil or pupils applying for entry in said College from Thomaston, in Knox County, in the State of Maine; next, of any pupil or pupils from said Knox County; next, of any pupil or pupils from said State of Maine; next, of any pupils said College may deem proper." This scholarship may be given to a Special Student in Harvard College.

THE HENNEN JENNINGS SCHOLARSHIP (L. S. S.); with an income of four hundred dollars. Founded in 1898, with a principal of ten thousand and seventy-two dollars and forty cents, by HENNEN JENNINGS, a graduate of the Lawrence Scientific School in the Class of 1877. The full yearly interest of this fund is to be used for one scholarship, and is not to be given "merely as a charity to mediocre ability," or to "students whose own private means are sufficient for all their requirements."

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THE C. L. JONES SCHOLARSHIPS (H. C.); with an income of two hundred dollars each. Founded from a bequest of thirty thousand dollars made by CHARLES L. JONES, of Cambridge, Mass., and received in 1901. The net income is to be paid "in equal shares to six undergraduate students of said College for their use in defraying the expenses of their maintenance and education at said College, the selection of the students who are to receive said income and the length of time for which any one selected shall continue to receive the same is to be determined by said Corporation."

THE KIRKLAND SCHOLARSHIP (H. C.); with an income of two hundred and fifty dollars. Founded in 1852 with a principal of two thousand three hundred and three dollars and forty-six cents by the CLASS OF 1815, in memory of JOHN THORNTON KIRKLAND, President of the University from 1810 to 1828. The income of the fund is to be applied at the discretion of the Corporation; descendants of members of said Class to have the preference as beneficiaries.

THE LAWRENCE SCIENTIFIC SCHOOL ASSOCIATION SCHOLARSHIP (L. S. S.); with an income of one hundred and fifty dollars. This scholarship is maintained by the LAWRENCE SCIENTIFIC SCHOOL ASSOCIATION for a student in the Lawrence Scientific School, and "may be awarded to meet the expenses of the summer scientific studies of a student who already holds another scholarship."

THE GEORGE EMERSON LOWELL SCHOLARSHIPS (H. C.); two, with an income of two hundred dollars each. Founded in 1886 by Judge JOHN LOWELL, of Boston, of the Class of 1843, in memory of GEORGE EMERSON LOWELL, of the Class of 1883, the income to be awarded to students in the academic department "at the discretion of the President and Fellows (excepting that excellence in the Classics or in Athletics is recommended as a desirable qualification)." These scholarships were maintained by annual payments of four hundred dollars each from 1866 to 1899. In 1899 the principal, ten thousand dollars, was received from Judge Lowell's estate.

THE MATTHEWS SCHOLARSHIPS (H. C.); fifteen, with an income of three hundred dollars each. Founded by NATHAN MATTHEWS, of Boston, in 1870 from one half the net income from Matthews Hall. The income of the fund is for the aid of needy and deserving scholars; those intending to study for the ministry of the Protestant Episcopal Church, and sons of clergymen of the Protestant Episcopal Church, to be preferred. A portion of the Matthews Scholarships may be assigned in advance to students admitted to the Senior class who intend to study for the ministry of the Protestant Episcopal Church, provided they present satisfactory evidence of high scholarship.

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THE WILLIAM MERRICK SCHOLARSHIP (H. C.); with an income of two hundred and twenty-five dollars. Founded in 1888 from a bequest of five thousand dollars made by WILLIAM MERRICK, of Springfield, of the Class of 1870, the income to be paid "to some meritorious undergraduate, descendants of members of the Class of 1870 to have the preference."

THE MOREY SCHOLARSHIP (H. C.); one, with an income of three hundred and twenty-five dollars. Founded in 1868 from a bequest of seven thousand one hundred and fifty dollars made by GEORGE MOREY, of Boston, of the Class of 1811, the income of which is to be awarded to one or two undergraduates; any person receiving the benefit of the fund to be "a meritorious young man, whose scholarship and conduct shall have been satisfactory to the Government of the College"; the descendants of Rev. GEORGE MOREY, of the Class of 1776, to have the preference.

THE LADY MOWLSON SCHOLARSHIP (H. C. and G. S.); with an income of two hundred and twenty-five dollars. In 1643 Lady ANN MOWLSON, of London, founded the first scholarship in Harvard College by a gift of one hundred pounds "current English money," the income to be paid to some poor scholar until he shall attain the degree of Master of Arts, any kinsman of Lady Mowlson having preference over other scholars. This gift was at first held by the Colony of the Massachusetts Bay, and in 1713 was paid over to the College, with accrued interest from 1685, by the Province Treasurer. In the early part of the last century this fund was probably mixed with other College funds and formed part of the Stock Account. In 1893 the scholarship was re-established with a principal of five thousand dollars taken from the Stock Account. This scholarship is given primarily to an undergraduate of Harvard College, but may be continued to him as a candidate for the degree of Master of Arts in the Graduate School.

THE HOWARD GARDNER NICHOLS SCHOLARSHIP (H. C.); with an income of two hundred dollars. Founded in 1897, by J. HOWARD NICHOLS, of Newton, Massachusetts, for undergraduates, in memory of his son, HOWARD GARDNER NICHOLS, who graduated at Harvard College with the Class of 1893, and died in 1896 as the result of an accident at the cotton mill which he had built in Northern Alabama. Any undergraduate, of good character and scholarship, from Northern Alabama, has the preference over other applicants for this scholarship.

THE NORMAL SCHOOL SCHOLARSHIPS (L. S. S.); not exceeding four at any one time, with an income of one hundred and fifty dollars each. Maintained by the University, under a vote of the President and Fellows passed March 8, 1880, for the benefit of students in the Lawrence Scientific School who are graduates of reputable Normal Schools in the United States.

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THE LUCY OSGOOD SCHOLARSHIP. Founded from a bequest of six thousand dollars made by Miss LUCY OSGOOD, of Medford, and received in 1873, "for the benefit of needy and meritorious students." This fund was subject to an annuity, which impaired the principal, and it is to accumulate for the present.

THE PALFREY EXHIBITION (H. C.); with an income of eighty dollars. In 1821 a fund of twelve hundred dollars was given by JOHN GORHAM PALFREY, of Cambridge, of the Class of 1815, the income of which should be granted annually "to the most distinguished scholar among the indigent members of the Senior Class." The income of this foundation is given to such scholar in addition to that of one of the other scholarships.

THE PEABODY SCHOLARSHIP (G. S.); with an income of two hundred and fifty dollars. Founded in 1902, with a principal of six thousand dollars, by GEORGE FOSTER PEABODY, of New York, in connection with the graduation of his nephew, CHARLES SAMUEL PEABODY, of the Class of 1902. The income is to be used for a "scholarship in the graduate school of Harvard University, the scholar to be nominated by the Chancellor of the University of Georgia from among the recent graduates of that institution."

THE PENNOYER SCHOLARSHIPS (H. C.). In 1670, WILLIAM PENNOYER, of England, gave an annuity from his estate in Norfolk for the benefit of two fellows and two scholars; one of the latter, as often as occasion shall present, to be of the posterity of ROBERT PENNOYER, and the other from New Haven Colony, if conveniently may be. A PENNOYER Scholarship may be held by a student in the Divinity School. This fund is to accumulate for the present.

THE REBECCA A. PERKINS SCHOLARSHIP (H. C.); with an income of one hundred and fifty dollars. The sum of nine hundred and forty dollars was received in 1869 from a bequest made by REBECCA A. PERKINS, of Fitchburg, the income thereof to be given "to some worthy and meritorious but indigent undergraduate of said Harvard College, to assist him in paying his College expenses," who must apply in writing to the President of the College "setting forth his pecuniary need and also the inability of parents to defray his College expenses," and must send a certificate of a municipal officer of the city or town, where the applicant resides, that the facts are as stated in the application.

THE WENDELL PHILLIPS MEMORIAL SCHOLARSHIP (H. C.); with an income of fifty dollars. The WENDELL PHILLIPS MEMORIAL ASSOCIATION gave the sum of one thousand and sixty dollars in 1895 to found this scholarship and added two hundred and seventy-five dollars in 1896. "It is always to be awarded to one about to become a Junior, who has completed his Freshman and Sophomore years in this College. The beneficiary must be one who has special oratorical powers, and so gives promise of

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becoming a real force as a public speaker; and he is to have the benefit of the scholarship for one or both of the last two years of his College course, as his attainments and character shall warrant. If for any reason this scholarship should become vacant during the period for which it is awarded, we would prefer that it should go to some other person in the same class."

THE RICARDO PRIZE SCHOLARSHIP (H. C. and G. S.). See page 487.

THE RODGER SCHOLARSHIP. Founded by Rev. JAMES G. RODGER, of Dekalb, New York, in 1883. Not yet available.

THE HENRY BROMFIELD ROGERS SCHOLARSHIP (H. C.); with an income of one hundred and fifty dollars. In accordance with the terms of the original gift, this scholarship has been created from the appraised value (three thousand one hundred and eighty dollars and fifty cents) of the Gymnasium which was given to the College in 1859 by HENRY BROMFIELD ROGERS, of Boston, of the Class of 1822, and converted to other uses in 1883. The income is to be used for "the maintenance and education of deserving and talented undergraduates in indigent circumstances."

THE EDWARD RUSSELL SCHOLARSHIP (H. C. and G. S.); with an income of two hundred dollars. Founded by EDWARD RUSSELL, of Boston, from yearly gifts made during the years from 1877 to 1895, which, with accumulated interest, amounted on July 31, 1895, to five thousand two hundred and eighty-three dollars and nine cents, "to be known as the EDWARD RUSSELL Scholarship, as a memorial to my grandfather of that name, who was graduated at the College in class of 1759; and to my father of same name who was graduated at the College in class of 1803; the income of the same to be given for the assistance of meritorious students of limited pecuniary resources, whether of the undergraduate or graduate department."

THE SALES SCHOLARSHIPS (H. C.); two, with an income of one hundred dollars each. Founded in 1893 with a principal of four thousand nine hundred and sixteen dollars and sixty-seven cents, which is one half of the residuary bequest made to the College by FRANCIS SALES, of Cambridge, A.M. 1835, Instructor in Spanish and French from 1816 to 1854.

THE SALTONSTALL SCHOLARSHIP (H. C.); with an income of four hundred and twenty-five dollars. Founded from a bequest of three hundred pounds made by Mrs. DOROTHY SALTONSTALL, of Boston, in 1733, and received in 1739. HENRY SALTONSTALL, of Boston, of the class of 1848, added to this fund by gift, in 1893, three thousand dollars and by bequest, received in 1901, six thousand dollars. The income is to be used for the benefit of poor scholars.

THE LEVERETT SALTONSTALL SCHOLARSHIP (G. S.); with an income of three hundred and twenty-five dollars. Established in 1895 from a bequest of five thousand dollars made by LEVERETT SALTONSTALL, of Chestnut Hill, of the Class of 1844, to which was added a bequest of

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three thousand dollars, made by HENRY SALTONSTALL of the Class of 1848, and received in 1901. The income is to be paid annually "to one or more meritorious students, graduate or undergraduate, of the University, who may require such assistance, and who may give decided promise of future usefulness; my descendants and those related to me by consanguinity, when they may be candidates, to be preferred. And I desire that if in the opinion of the President and Fellows it should be desirable to aid a graduate student by an extended course of study at any foreign university, they may pay the income of this fund to such student for the term of one year. In memory of my late honored father and of his devoted attachment to the University, I desire this to be named the 'Leverett Saltonstall Scholarship.'"

THE MARY SALTONSTALL SCHOLARSHIPS (H. C.); two, with an income of one hundred and fifty dollars each, in the gift of the board of Overseers. In 1730, Madam MARY SALTONSTALL, widow of Gov. Gurdon Saltonstall of Connecticut, bequeathed to the College one thousand pounds, the income of which is to be given to two persons without means, of bright parts and good diligence (always dissenters), to fit them for the service of the Church of Christ; those related to the giver by consanguinity to be preferred. In 1845, LEVERETT SALTONSTALL, of Salem, of the Class of 1802, added to this fund a bequest of five hundred dollars.

THE JAMES SAVAGE SCHOLARSHIP (G. S.); with an income of three hundred dollars. Founded in 1873 from part of the bequest of forty thousand dollars made by JAMES SAVAGE, of Boston, of the Class of 1803.

THE SEVER SCHOLARSHIP (H. C.); with an income of one hundred and fifty dollars. Founded from gifts, amounting to two thousand three hundred and ninety dollars, received, in 1868, 1869, and 1870, from Colonel JAMES WARREN SEVER, of Boston, of the Class of 1817. The income from this fund is to be awarded to some meritorious undergraduate without exclusive reference to academic rank; applicants from Kingston and Plymouth are to have the preference.

THE SEWALL SCHOLARSHIPS (H. C.); two, with an income of two hundred dollars each. In 1696, Judge SAMUEL SEWALL, of Boston, of the Class of 1671, and his wife HANNAH conveyed to the College a farm of five hundred acres at Petaquamscot in the Narragansett country, otherwise called King's Province; the income therefrom to be appropriated "for and towards the support and education at the said College of such youths whose parents may not be of sufficient ability to maintain them there, especially such as shall be sent from Petaquamscot aforesaid, English or Indians, if any such there be."

THE SHATTUCK SCHOLARSHIPS (G. S.); seven with an income of three hundred dollars each. Founded in 1854 from a bequest of ten thousand

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dollars, by Dr. GEORGE CHEYNE SHATTUCK, of Boston, A.M. 1807, "for the benefit of such persons of superior merit pursuing their studies at said College (graduates or undergraduates) as in their opinion may require and deserve assistance in the study of mathematics or any of its branches, or in the study of the languages, any or either of them."

THE SLADE SCHOLARSHIP (H. C.); with an income of two hundred and fifty dollars. Founded in 1877 by Dr. DANIEL DENISON SLADE, of Chestnut Hill, of the Class of 1844, who gave for the purpose five thousand dollars, the income of which is "to be used from year to year for the benefit of young men who have proved themselves worthy of aid by diligence and meritorious conduct during at least one year's residence in Harvard College," the benefactor's sons, if at any time candidates, to have the preference.

THE STORY SCHOLARSHIP (H. C.); with an income of one hundred and seventy-five dollars. A gift of two thousand dollars was received in 1864 from AUGUSTUS STORY, of Salem, of the Class of 1832, who directed that the income should be awarded by the President, without special reference to class rank, to such deserving applicant as might by his mental power, general character, and physical health, give the largest promise of usefulness.

THE STOUGHTON SCHOLARSHIP. In 1701, Lieut. Gov. WILLIAM STOUGHTON, of the Class of 1650, bequeathed to the College twenty-three acres of pasture and a parcel of salt meadow in Dorchester, with the provision that the clear rent and income thereof should be given "in the first place to a scholar of the town of Dorchester, and if there be none such, to one of the town of Milton, and in want of such, then to any other well deserving that shall be most needy." This fund was created from rents for the pasture and receipts from the sale of the salt marsh, and is to accumulate for the present.

THE SWIFT SCHOLARSHIP. Miss ELIZABETH R. SWIFT bequeathed to the College three thousand dollars for establishing a scholarship, the income thereof to be used for the "support and education at said College of one scholar from the Town of Milton, Mass., whose promise in respect to character and scholarship shall commend him or her to those in charge of the selection." The sum of one thousand dollars was received in 1899, and one thousand dollars additional in 1900, as part of this bequest. Not yet available.

THE THAYER SCHOLARSHIPS (G. S.); ten, with an income of three hundred dollars each. In 1857, JOHN ELIOT THAYER, of Boston, bequeathed to several persons named by him, in trust, the sum of fifty thousand dollars, to pay the income thereof to the ten most meritorious scholars in Harvard University who may actually need the same.

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THE GORHAM THOMAS SCHOLARSHIP (G. S.); with an income of one hundred and fifty dollars. In 1865, Dr. ALEXANDER THOMAS, of Dorchester, of the Class of 1822, gave three thousand dollars, to found a scholarship in memory of his son, GORHAM THOMAS, of the Class of 1852.

THE TOPPAN SCHOLARSHIP (G. S.); with an income of three hundred dollars. The sum of four thousand seven hundred dollars was received in 1868 from a bequest made by Mrs. ANN TOPPAN, of Portsmouth, New Hampshire, to found a scholarship in memory of her husband, CHRISTOPHER S. TOPPAN, "for the assistance of deserving young men during their College course."

THE TOWNSEND SCHOLARSHIPS (G. S.); four, of two hundred and fifty dollars each. Founded in 1861 by Miss MARY P. TOWNSEND, of Boston, through a bequest to the College of twenty thousand dollars, the income of which is to be used for the benefit of indigent scholars.

THE UNIVERSITY SCHOLARSHIPS (L. S. S. and G. S.); eighteen, with an income of one hundred and fifty dollars each. Maintained by the University under a vote of the President and Fellows; eight being assigned to the Lawrence Scientific School, and ten being assigned to the Graduate School.

THE WALCOTT SCHOLARSHIPS (H. C.); two, with an income of one hundred dollars each. Founded in 1855 by bequest of SAMUEL BAKER WALCOTT, of the Class of 1819, with a principal of two thousand dollars. The income of the fund, when not less than two hundred dollars, is to be divided equally between two needy and meritorious undergraduates, who are to be nominated by the Faculty and appointed by the President and Fellows. Only one of these scholarships is now available.

THE CHRISTOPHER M. WELD SCHOLARSHIP (G. S.); with an income of four hundred dollars. Established in 1899 from a bequest of ten thousand dollars, made by Mrs. MARY ANN P. WELD. This scholarship is to be "awarded in the discretion of the proper College authorities to the most worthy student, consideration being had for pecuniary means, character, and sincerity of effort."

THE JACOB WENDELL SCHOLARSHIP (H. C.); with an income of two hundred dollars. Established in 1899 from a bequest of five thousand dollars made by JACOB WENDELL. The income is to be distributed annually to "such student or students as the College authorities shall deem proper, who shall most excel in their studies, in the same way as rewards and prizes are now given by said College to students in indigent circumstances, intending not to confine the distribution of the income of the fund hereby given to indigent students, but that the students who most merit the reward shall receive it, whether in indigent circumstances or not."

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THE WILLIAM WHITING SCHOLARSHIPS (H. C.); two, with an income of two hundred and twenty-five dollars each. Founded in 1874 by bequest of WILLIAM WHITING, of Boston, of the Class of 1833, with a principal of five thousand dollars. For the benefit of deserving undergraduates of the College who need aid to defray their college expenses; preference being given to any of the descendants of the founder or of the Rev. Samuel Whiting, his first ancestor in America, who shall apply for, and shall be otherwise in the opinion of the Corporation proper persons to receive such assistance.

THE ROBERT C. WINTHROP SCHOLARSHIP (G. S.); with an income of two hundred dollars. Established in 1895 from a bequest of five thousand dollars made by ROBERT CHARLES WINTHROP, LL.D., of Boston, of the Class of 1828; Speaker of the U. S. House of Representatives, 1847-49, Senator from Massachusetts, 1850-51; "to my Alma Mater, Harvard College, for a scholarship or scholarships" to "be assigned to the Peabody Museum of Archaeology and Ethnology over which I have presided since its organization." The nomination for this scholarship is for the present in the hands of the Faculty of the Peabody Museum.

AWARD AND TENURE OF FELLOWSHIPS AND SCHOLARSHIPS.

Payment of Income.

To resident holders of fellowships and scholarships having stipends, the income thereof is payable at the Bursar's Office, two-thirds *February 21*, and the remainder *one week before Commencement;* but the income will be first applied to the settlement of any College term-bills issued and unpaid, and any balance then remaining will be paid in money.

The income of non-resident fellowships, having stipends, is payable quarterly in advance by drafts sent from the Bursar's Office *September 1*, *December 1*, *March 1*, and *June 1*. The first payment of the year is due September 1 for the quarter ending November 30; but to any holder of a fellowship who is going abroad to study, the income for six months to March 1 in the first year of his appointment will be paid at his request on or before September 1. No remittance will be made to the holder of a fellowship for any quarter until there is received from him at the Bursar's Office the address to which he desires to have it sent, unless he requests in writing that all remittances be sent to a stated address until he gives notice of a change.

Scholarships in Harvard College.

The facts considered in making an assignment of a scholarship having a stipend are the needs of the student, and his promise *as indicated by his work in College*. A student who is not in need of aid cannot

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honorably apply for a scholarship; a scholarship cannot properly be awarded to one who, from physical, mental, or moral weakness, gives little promise of future usefulness. The special terms under which some scholarships are assigned are stated above, in the list of scholarships.

Scholarships are ordinarily assigned only on the basis of *a previous year of work in College*. The enjoyment of a scholarship for one year will not constitute any title to a second nomination, unless the superiority for which it was originally awarded be fully maintained; and at any time a scholarship or any portion thereof may be taken away from a student who has proved undeserving. No student who has incurred a serious College censure in the course of the year will be considered a candidate for a scholarship; nor any student who obtains leave of absence for the year in which the scholarship would be payable.

Applications of College students for scholarships should be addressed to the *Dean of Harvard College*, and must be deposited at the Recorder's Office, No. 4, University Hall, on or before the *last Wednesday in May* of each year. The candidate must write his application on a blank form, which he may obtain at the Recorder's Office.

Aid from the Beneficiary and Loan Funds must be applied for in special and separate petitions (see pp. 526 ff.).

Scholarships are awarded to Sophomores, Juniors, and Seniors at the beginning of each academic year, on the basis of the work of the preceding year.

For the assignment of Price Greenleaf Aid to Freshmen and other undergraduates in their first year, see page 532.

Scholarships in the Lawrence Scientific School.

Applications from students in the Lawrence Scientific School should be filed with the Secretary of the School on or before *June 1*.

Scholarships are awarded at the beginning of each academic year, to meritorious students standing in need of such assistance.

Appointments in the Graduate School.

A non-resident appointment to a fellowship is awarded only to a graduate of some department of Harvard University, or to a student who has pursued his studies at the University for several years. But the resident appointments may be, and some of them are, bestowed on persons not previously members of the University; although a preference is given, in most cases,—especially in regard to the more important appointments,—to students who have already given evidence of their qualification by work done here, in the College, the Scientific School, the Graduate School, or some other department of Harvard University.

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Appointments to fellowships and scholarships in the Graduate School for any academic year are made (in most cases) by the Corporation, on recommendation by the Faculty of Arts and Sciences, towards the close of the preceding academic year. Applications for appointment or reappointment should be sent in *as early as possible*, in order to facilitate the work of examination and comparison. *Applications received after the fifteenth day of March are not ordinarily considered in the regular assignment.* Blanks for applications may be obtained from the Secretary of the Faculty of Arts and Sciences or at the office of the Dean of the Graduate School. A new applicant, not already a student at Harvard University, should accompany his application with testimonials from those best qualified to speak with confidence of his qualities, attainments, and promise, and by such other documents as he may think proper to send. All applications should be addressed to *The Committee on Fellowships, Office of the Graduate School, No. 10, University Hall, Cambridge, Mass.* A few appointments are commonly made after the beginning of the academic year, to fill vacancies arising from withdrawals and other causes. For these appointments applications received later than March 15 may be considered.

Every holder of a fellowship or scholarship, whether resident or non-resident, is expected to retain such fellowship or scholarship throughout the year for which he is appointed, unless compelled to withdraw by stringent reasons; and to engage in no other occupation, without leave of the Administrative Board of the Graduate School. A student who resigns a fellowship or scholarship in the course of a year has *no claim to any part of the stipend* of the fellowship or scholarship. The circumstances of his change of plans are, however, taken into consideration. The acceptance of an assistantship by any person holding, or appointed to, a fellowship or scholarship, without the express permission of the Corporation to hold both appointments, will be regarded as a resignation of the fellowship or scholarship; and the acceptance of a fellowship or scholarship by an assistant, without express permission of the Corporation to hold both appointments, will be regarded as a resignation of the assistantship.

All appointments are made for one year only. They may be renewed; but none of the higher appointments can be held for more than three years; and they are commonly restricted, in practice, to two years.

Resident Fellows and Scholars.

Every resident holder of a fellowship or scholarship is required to devote himself to studies, constituting *a complete year's work*, for which, as a fellow or scholar, he has obtained the approval of the Administrative Board of the Graduate School; and to do all the work belonging

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to such studies punctually, regularly, and with high credit. He is liable to be deprived of his appointment at any time, if he fail to satisfy this requirement.

Non-Resident Fellows.

A non-resident holder of a fellowship is entitled to receive a letter of appointment, bearing the seal of the University, stating the field of study in which he is to occupy himself, and recommending him, as a distinguished student of the University, to the esteem, confidence, and friendly consideration of all persons to whom he may present the letter.

Every non-resident holder of a fellowship in the Graduate School is expected to have always on file at the office of the Dean of that School, from the date at which he accepts his appointment, an address by which he can be promptly reached, whether in term-time or in vacation; to forward to the Dean at the beginning of each academic year a registration-paper filled out on an official blank form, of which copies may be obtained at the office of the Graduate School; and to keep the Dean well informed at all times of what he is doing and purposing to do in fulfilment of the objects for which he is appointed. His studies must lie within the field named in his letter of appointment, and must be carried on under the general supervision of an assigned Division or Department of the Faculty. He must, as early as possible, obtain the approval of his Division or Department with reference to his plans of study and to the place or places at which he is to work; and he must adhere carefully to the arrangements thus approved, unless he receives leave to change them. He must be in frequent communication with his Division or Department, and keep it always informed of his progress in his work; addressing either its chairman or some member designated by the chairman.

A non-resident fellow is required to devote himself to his studies during the whole working period of the year; and to undertake no other occupation, except such as may be expressly approved by the Faculty. He is not at liberty to leave his place of study and return to America, or make any other serious change of plans, without permission.

He must present a report of his work at the close of each year to the Committee on Fellowships. If he applies for reappointment, he must send a preliminary report with his application for reappointment; which should be received on or before the fifteenth day of March. He is expected to present a report on retiring from his fellowship.

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OTHER SOURCES OF AID.

In addition to the scholarships, which are enumerated in the preceding section (see pp. 504–522), the following funds have been established mainly for the benefit of students in Harvard College.

BENEFICIARY FUNDS.

Bequests and donations to the College have from time to time been made, the income of which is used for the aid of deserving students in narrow circumstances. The annual amount thus appropriated is about twenty-eight hundred dollars, which is usually distributed in gratuities of not more than fifty dollars each.

Applications for aid from the Beneficiary Funds, except where otherwise stated in the following list, should be addressed to the Dean of Harvard College, by the student's parent or guardian, or by the student himself, if of age. The application should state particularly the circumstances of the case, with the reasons for asking aid. No application for any academic year will be received before *the first day of August* in the summer preceding the beginning of that year.

The existing beneficiary funds are as follows: —

JOHN GLOVER Fund. In 1653, JOHN GLOVER, of Boston, bequeathed to the College "for & towards ye maintenance of a fellow there, five pounds a yeare forever." This annuity was, in 1871, compounded for the principal sum of three hundred and fifty dollars.

ROBERT KEAYNE Fund. In 1659, ROBERT KEAYNE, of Boston, bequeathed to the College one hundred pounds, and, upon his wife's death, one fourth of the real estate set apart to secure her "thirds," which fourth was sold in 1696 for one hundred and fifty pounds. Capt. KEAYNE's desire was that his bequest should be improved "for ye use & helpe of such poore & hopefull schollers whose Parents are not comfortably able to maintaine yem yere for yeire dyett and Learning, or for some addition yearely to ye poorer sort of fellowes or Teutors," or in some other way which might be determined by the "President ffeofees & Overseers."

SAMUEL WARD Fund. In 1680, SAMUEL WARD, of Charlestown, "espetially for the manifestation of my sincere desire to incourage & uphold the seminary of learning & piety in Harvard Colledge" conveyed, by deed, to the College the island lying between Hingham and Hull, called Bumkin,

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or WARDS Island, containing about thirty acres of land. According to Mr. WARD'S will, in which also this island is given to the College (1681–82), his mind was that the rent from it should be "for the easmentt of the charges of the Diatt of the studantts that are in commons."

WILLIAM BRATTLE Fund. In 1717, WILLIAM BRATTLE, of the Class of 1680, Tutor from 1685 (?) to 1697, Fellow from 1685 (?) to 1700, Treasurer from 1713 to 1715, bequeathed to the College two hundred and fifty pounds, with the proviso that "fifteen pounds annually be dispos'd of to one or more of y^e^ Students at y^e^ discretion & pleasure of said President & Fellows, unless said Student or Students be Nominated & Appointed by some of my Kindred Related to me by blood."

HENRY GIBBS Fund. In 1722, HENRY GIBBS, of the Class of 1685, Fellow from 1700 to 1707, bequeathed to the College one hundred pounds, "the Yearly interest to be exhibited to such members of the College as need it, firstly to my Childrens posterity if they Desire it."

EPHRAIM FLYNT Fund. In 1723, EPHRAIM FLYNT, of Concord, bequeathed to the College "one hundred pounds to be applied at ye discretion of ye Corporation, that is to say the income thereof for ever, to y^e^ benefitt of scholars there who are studious, well disposed, & want help" . . . "& desire that at what times any of the Posterity of my Cousin FLYNT, now of Concord, or of y^e^ Rev.^d^ Mr: Hancock of Lexington are members of that house, they may have the benefitt of it."

THOMAS DANFORTH Fund. THOMAS DANFORTH, Treasurer from 1650 to 1668, Steward from 1668 to 1682, on the same sheet of paper whereon he wrote his will, gave to the College "three tenements at Framingham, now in lease" &c. upon the following conditions: —

"1^st^ That the annual Rents thereof shall be for the use of such Students as shall from time to time, Use and Improve one of y^e^ studies in y^e^ new Lodgings Erected by M^r^ STOUGHTON.

2^dly^ That the Nomination of said Person shall be by my heirs resident in the Province.

3^dly^ That such Students shall be exempted from paying Study Rent and Detriment.

4^thly^ If such lodgings shall not be from time to time set & kept in good repair, or if any Prelatical Injunctions shall be imposed on said Society, that in such Case this my Gift shall revert to my heirs." . . . "The annual income of these Lands is about six pounds thirteen shillings & 4^d^ p^r^ ann^m^." These leases were conveyed to the College in 1724, and were sold, in 1764, for one hundred pounds.

ANNE MILLS Fund. In 1725, Mrs. ANNE MILLS, of Watertown, bequeathed to the College fifty pounds to be "Improved towards the bringing up of such Schollars there as shall most need it."

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THOMAS FITCH Fund. In 1737, THOMAS FITCH, of Boston, bequeathed to the College three hundred pounds "for the Education of Scollars of good Capacitys for the work of the Ministry."

BENJAMIN WADSWORTH Fund. In 1737, BENJAMIN WADSWORTH, of the Class of 1690, Fellow from 1697 to 1707 and from 1712 to 1725, President from 1725 to 1737, bequeathed to the College, from "The money in, & belonging to, my charity bag," one hundred and ten pounds, "six pounds of y^e^ annual Income thereof to be for y^e^ support of some poor Scholar or schollars residing at the College (thô to no dunce nor Rake) at y^e^ direction of y^e^ Corporation, & if any related to me by Blood should be at College & need I would have such an one prefer.d."

JOHN ELLERY Fund. In 1738, JOHN ELLERY, of Hartford, bequeathed to the College one hundred and fifty pounds, old tenor, "towards the maintenance of any of the students that may stand in need of such help."

EDWARD HOLYOKE Fund. In 1743, EDWARD HOLYOKE, of the Class of 1705, Librarian from 1709 to 1712, Tutor from 1712 to 1716, Fellow from 1713 to 1716, President from 1737 to 1769, gave to the College one hundred pounds, old tenor, and, in 1769, bequeathed to the College thirteen pounds six shillings and eight pence, lawful money. "The interest of it, at Present, as the Corporation shall see meet; But my will, is, That when at any Time hereafter, there shall be one or more related to me by Consanguinity, shall be a member or members of said College, The income of this my Bequest, as also of that Gift which I gave the College about Two and twenty years ago, viz one hundred Pounds O. T. shall be given to such Relative or Relatives of mine, if They shall stand in Need or want thereof, such want to be judg'd of by the Corporation of s^d^ College."

HENRY FLYNT Fund. In 1760, HENRY FLYNT, of the Class of 1693, Tutor from 1699 to 1754, Secretary of the Board of Overseers from 1712 to 1758, Fellow from 1700 to 1760, acting in part as President from 1736 to 1737, bequeathed to the College (in addition to seven hundred pounds, old tenor, or ninety-three pounds six shillings and eight pence, lawful money, the income thereof to be paid annually to the four senior tutors as "a Surplusage and Addition to their Salary") one hundred and twelve pounds and ten shillings, old tenor, or fifty Spanish dollars, "the Yearly Interest of which to be paid by the College Treasurer to one or more needy Scholars, who are diligent & vertuous at the Discretion of the Corporation, my Relations by Blood (if any such reside at the College) to have the Preference."

JOSEPH SEWALL Fund. In 1765, JOSEPH SEWALL, of the Class of 1707, Fellow from 1728 to 1765, gave to the College twenty pounds, lawful money. The Treasurer of the College informed the Corporation that Dr. SEWALL desired that the income of his gift should be given to needy scholars.

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NATHANIEL APPLETON Fund. In 1772, NATHANIEL APPLETON, of the Class of 1712, Fellow from 1717 to 1779, gave to the College thirty pounds, lawful money, "Desiring and expecting the annual Interest thereof be every year Exhibited to some well deserving Student at the College, whose Circumstances shall need such Charitable assistance, And when ever any of my Posterity shall be at the College that They shall have the benefit of this Donation if their Parents or Guardians shall desire it;"—In addition to this gift, Dr. APPLETON, in 1784, bequeathed to the College "what money shall be found in my charity Bagg devoted to pious and charitable uses," amounting to twenty-six pounds, the interest thereof to be "given to some poor, but well deserving scholar, agreeable to my Directions with respect to a former Donation to said Corporation."

EXHIBITIONS. By an Act of the General Court, passed June 29, 1792, the Corporation of the West Boston Bridge was obliged to pay to the Corporation of Harvard College the sum of two hundred pounds annually "for the purpose of reducing the expence of tuition to such indigent scholars, as in the judgment of the Corporation, shall stand in need of the same, the residue if any there be to be applied for the purpose of reducing the expence of tuition to all the other scholars." By an Act passed Feb. 27, 1796, the appropriation of this annuity was altered to the support of two tutors for life, and the unexpended amount thereof, received after the passage of the Act of Feb. 27, 1796, now forms the "Fund for Permanent Tutors." From the unused part of the annuity, received before the Act of Feb. 27, 1796, went into effect, the sum of thirteen hundred and thirty-three dollars and thirty-four cents was set apart as a permanent fund, the income thereof to be applied "towards the reduction of the tuition-money of indigent students." All the other funds, formerly included in "Exhibitions," now appear under the names of their respective founders.

MARY LINDALL Fund. In 1776, Miss MARY LINDALL, of Charlestown, bequeathed to the College one hundred pounds (received in 1812) "the Interest thereof to be by them applied & annually exhibited to such Scholar or Scholars at s^{d} College of good Character whose Circumstances call for such charitable assistance, and that the Preference be always given to such who shall be related to me by Blood, and in want of such to some Scholar or Scholars of the Town of Salem."

QUINCY TUFTS Fund. In 1877, QUINCY TUFTS, of Boston, bequeathed to the College ten thousand dollars, "the income of which shall be appropriated to the education of indigent Scholars."

MOSES DAY Fund. In 1880, MOSES DAY, of Boston, bequeathed to the College five thousand dollars, the income thereof to be appropriated annually "to assist needy and deserving young men to obtain an education at said Harvard College."

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MUNROE FUND. In 1880, the sum of ten thousand one hundred and forty dollars was received by the College, as part of the bequest of fifteen thousand dollars, made by WILLIAM MUNROE, of Concord, "the income thereof to be applied to the assistance of meritorious students in that Institution needing pecuniary assistance in their collegiate course — and I desire and direct that in the bestowment of such income, preference shall always, as far as possible, be given to natives of, or children of citizens of, my native town of Concord."

FRANK BOLLES Memorial Fund. In 1894, the subscriptions, amounting to fourteen hundred and thirteen dollars and thirteen cents, for a memorial to FRANK BOLLES, LL.B. of the Class of 1882, A.M. (Hon.) 1893, Secretary of the University from 1886 to 1894, were transferred to the College by the Committee for collecting subscriptions. The object of the fund "shall be to perpetuate the name and influence of Mr. BOLLES and to carry on that work in which he was most interested, the help of needy students. Such help shall be given to students of the University on the following conditions: —

(*a*) Nine tenths of the annual income shall be used, the remaining one tenth to be added yearly to the principal.

(*b*) The disposition of the income shall be in the hands of the President of the University, to be administered by any one whom he may appoint."

Dr. ANDREW P. PEABODY Memorial Fund. In 1896, "the surviving members of the committee charged with the collection and distribution of the memorial fund contributed by Harvard graduates in honor of the late Rev. Dr. ANDREW P. PEABODY," of the Class of 1826, Tutor from 1832 to 1833, Professor from 1860 to 1881, Professor Emeritus from 1881 to 1893, Overseer from 1883 to 1893, Acting President in 1862 and from 1868 to 1869, transferred to the College the unexpended remainder of the fund, amounting to four thousand two hundred dollars, the income thereof for the present "to be disbursed for the benefit of deserving students of the University in need of pecuniary assistance."

STUART WADSWORTH WHEELER Fund. In 1898, Mrs. SUSAN WHEELER gave to the College as a memorial to her son, STUART WADSWORTH WHEELER, a former student in the University and a soldier in the Spanish War, five thousand dollars "towards the fund for helping poor students." The income of this fund has been placed by the Corporation at the disposition of the Dean of the Lawrence Scientific School, to whom application should be made.

SUSAN B. LYMAN Fund. In 1899 and 1900, the College received the sum of four thousand dollars eight hundred and nine dollars and seventy-eight cents of the bequest of five thousand dollars, made by Mrs. SUSAN

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B. LYMAN, of Brookline, "the income thereof only to be distributed under the direction of the President of the College for the benefit of poor but intelligent and meritorious students of the College."

ALEXANDER WHEELOCK THAYER Fund. In 1899, the College received the sum of thirteen thousand seven hundred and fifty-eight dollars and thirty cents, in full settlement of a bequest made by ALEXANDER WHEELOCK THAYER, of the Class of 1843, the income thereof to be expended "in assisting worthy and needy young men at the said Harvard University in their efforts to obtain an education, and in awarding the said assistance preference is to be given to young men bearing the name of Thayer." This fund is subject to a life annuity and is not yet available for students.

CALVIN and LUCY ELLIS Aid. In 1899 to 1901, the College received the sum of fifty thousand dollars, a bequest made by CALVIN ELLIS, of the Class of 1846, Adjunct Professor from 1865 to 1867, Professor from 1867 to 1883, Dean from 1869 to 1883, who died in 1883; and the residuary bequest made by his sister, Miss LUCY ELLIS, amounting to one hundred and eight thousand, eight hundred and one dollars and forty-seven cents. After deducting five per cent of the annual income for the increase of the fund, the remaining income is to be used "To pay the fees of tuition and instruction, the cost of text-books, room-rent and reasonable board, of such descendants of David Ellis and Beulah Newell formerly of Dedham and John Ellis and Hannah Ellis formerly of Walpole, as may be students in Harvard College, whether as graduates or under-graduates. Every one of such descendants shall be entitled thereto, upon application therefor, provided his, or her, morals and scholarship are such as to allow him or her, to remain a member of the college. But the period during which any student shall enjoy the benefit of this provision shall not exceed the time usually allotted to students in the several departments with which such student may be connected, unless the President and Fellows, by an express vote, extend the same. And if the whole or any part of such income after accumulating five per centum thereof, as aforesaid, in any year, remains unexpended from the failure of persons entitled, as above declared to receive the same upon application, then the same shall be expended, upon the close of such year, for such general purposes of the College as the President and Fellows shall deem most useful."

LOAN FUND.

Besides the Beneficiary Funds above mentioned, there is a Loan Fund, the interest of which, amounting annually to about three thousand dollars, is lent to meritorious students in the Sophomore, Junior, and Senior classes, in sums ranging from forty to seventy-five dollars. This fund is under the control of a Board of Trustees, in Boston.

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Applications for the Loan Fund should be left with the Dean of Harvard College as early as *the first day of December*.

The Trustees of the Fund request applicants for loans to observe the following rules: —

"1. To address their applications to the Treasurer of the Loan Fund, John Lowell, Esq., Boston, and leave them at the office of the Dean of the College.

"2. To state the amount they wish to borrow.

"3. To set forth their circumstances fully, as they would do on making application to an individual for like aid.

"4. To state what aid they have received, or expect to receive, from the College.

"5. If an applicant is under twenty-one years of age, his application must be accompanied by the written approval of his parent or guardian."

PRICE GREENLEAF AID.

The President and Fellows of Harvard College are enabled by the bequest of EZEKIEL PRICE GREENLEAF, of Quincy, who is also the founder of ten Price Greenleaf Scholarships (see p. 512), to appropriate annually about fourteen thousand dollars "to reduce the general expenses necessarily incurred by undergraduates of the College in pursuing the studies required to obtain the degree of Bachelor of Arts, who are not of themselves, or with the aid of their parents, of sufficient pecuniary ability to pay for the same."

The income of the PRICE GREENLEAF Fund is distributed, in sums of from $100 to $250 a year: *first*, to undergraduates in the first year of their residence (whether Freshmen or students admitted to advanced standing, with or without examination); *secondly*, to deserving students who have not succeeded in the competition for scholarships, and who have applied for Price Greenleaf Aid on or before *the last Wednesday in May*.

Price Greenleaf Aid can be given only to undergraduates of Harvard College.

The regular assignment to first-year students is made before or at the time of their entrance. To hope for a share in this assignment the applicant must be strongly recommended by the college, academy, or school with which he has been connected; and must see that his application is in the hands of the Corresponding Secretary by *the first day of May*. A subsequent assignment is made in February to some other first-year students of high standing: applications must be in the hands of the Secretary by *the fifteenth day of December*.

In every case the amount assigned is payable (but only to persons who may be undergraduates at the time of payment) in two instalments, at the time of presentation of each of the two term-bills of the year.

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The recipients of Price Greenleaf Aid may be called upon for service as monitors or assistants to an amount not exceeding four hours a week.

For blank forms of application, and information about necessary expenses, address the *Secretary of the Faculty of Arts and Sciences.*

THE EDWARD AUSTIN FUND.

In 1899, the sum of four hundred and twenty-five thousand dollars was received by the College in the settlement of the bequest of five hundred thousand dollars, made by EDWARD AUSTIN, who gave Austin Hall to the Law School, the income thereof to be paid to "needy, meritorious students, and teachers to assist them in payment of their studies." In 1900, W. A. Wadsworth and Herbert Wadsworth gave twenty-five thousand dollars to be added to this fund.

The Corporation has made for the present the following assignments of the income of this fund: — Eight thousand dollars for sixteen Teaching Fellowships in Arts and Sciences (see p. 500); two thousand dollars for eight Scholarships, of two hundred and fifty dollars each, to be awarded for one year to teachers of established position or superintendents of schools, studying at the University (see p. 505); one thousand dollars for one Travelling Fellowship in Architecture (see p. 499); six hundred dollars for two Scholarships in Architecture (see p. 505); three hundred dollars for a Scholarship in Landscape Architecture (see p. 505); two thousand dollars for four Fellowships in the Graduate School (see p. 501); four thousand dollars for eight Teaching Fellowships, and one thousand dollars for two Fellowships in Surgical Pathology, in the Medical School; and three thousand dollars for other beneficiary aid.

OPPORTUNITIES FOR EARNING MONEY.

Opportunities frequently present themselves by which students who need to increase their income may obtain, in term-time or in vacation, employment of various kinds, such as typewriting, stenography, canvassing, office work, newspaper work, singing, and private tutoring. Students who wish to be regarded as applicants for such employment should register their names, with a statement of their qualifications and of the kind of work they desire, with the *Chairman of the Appointment Committee,* No. 9 University Hall.

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FEES AND EXPENSES.

TUITION-FEES.

For a Student in Regular Standing.

The annual tuition-fee for every student in regular standing in Harvard College or the Lawrence Scientific School, and for every Resident Student in the Graduate School doing full work, is *one hundred and fifty dollars.*

A student paying this fee is entitled to all the general privileges of membership in the University. He has the right to take any courses for which he is qualified, given under the authority of the Faculty of Arts and Sciences; but in laboratory courses he must pay certain additional fees, named below. He has also the right of free admission, provided he is properly qualified, to any of the instruction and the examinations given in any department of the University; except exercises carried on in special laboratories. To obtain admission to instruction given in a department not under the charge of the Faculty of Arts and Sciences, a College or Graduate student should apply to the Recorder for a certificate to be presented to the Dean of the department in which the desired instruction is given. A Scientific student should apply, in like manner, to the Secretary of the Scientific School.

In Harvard College and the Lawrence Scientific School, *all students not Special Students* are required to pay the full tuition-fee of one hundred and fifty dollars. The same fee is charged to Special Students doing full work; as well as to every Resident Student in the Graduate School who is doing full work, or who wishes to have the year counted to him as a complete year of study for any degree, or who holds a fellowship or scholarship. Laboratory fees must be paid in addition to the tuition-fee by students who take laboratory courses.

The first third of the academic year begins with the academic year, and ends *December 31.* The second third begins *January 1* and ends *March 31.* The last third begins *April 1* and ends at *Commencement.*

A student who enters the University after the beginning of the academic year is charged for instruction from the beginning of the third in which he enters. One who withdraws during the year is charged to the end of the third in which he leaves, if before that time he gives written notice of his withdrawal to the Dean of the department in which he is registered, or to the Recorder; otherwise he is charged to the end of the third in which such written notice is given.

Deduction from the full tuition-fee of one hundred and fifty dollars a year is made for properly notified absence, as follows: for absence for

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three consecutive months, *thirty dollars;* for absence during the whole year, not including the mid-year and final examinations, or either of them, *one hundred dollars.* A student who claims a deduction, on the ground of absence, must present at the Bursar's office a certificate from the Recorder as to the fact and duration of his absence; and in order to obtain such a certificate, he must have given previous notice of his intended absence to the Recorder.

Every Non-Resident Student in the Graduate School, not holding a fellowship, is required to pay at least *thirty dollars* to the University. Non-resident holders of fellowships are charged no fees.

A fee of *three dollars* is charged for the second and each subsequent examination for removing a condition.

The fee for the examination for the degree of Ph.D. or S.D. is *thirty dollars*, but this fee is not charged to any candidate who has paid the full tuition-fee of one hundred and fifty dollars for at least one year as a Graduate Student.

Fees for Single Courses.

Special Students and Students in the Graduate School (not doing full work) may pay fees for the courses which they take, instead of paying the full tuition-fee of a student in regular standing. But a student paying less than one hundred and fifty dollars is not allowed to be the holder of a fellowship or scholarship, or to count the year as a full year of study for a degree, or to claim admission to instruction or examination in another department of the University.

The fees for single courses are as follows: —

For any Course of Instruction, not a Laboratory Course or Course of Research, and for any Laboratory Course designed "primarily for Undergraduates," *forty-five dollars* for a full course, *twenty-five dollars* for a half-course.

For a Laboratory Course designed "primarily for Graduates" or "for Undergraduates and Graduates," *one hundred and fifty dollars.*

For a Course of Research, such amount, *not less than forty-five dollars*, as shall represent the weight of the course in the student's plan of work.

In all other cases the fee is computed at the rate of *fifteen dollars for an hour a week* of instruction during the academic year, up to one hundred and fifty dollars.

In no case shall the tuition-fee for the year be less than *thirty dollars* or more than *one hundred and fifty dollars.*

No deduction for absence or withdrawal is made from the fees for single courses. A student who attends a Course of Instruction for only a part of the year must pay the whole fee for such course. But a student who is liable for the full tuition-fee of *one hundred and fifty dollars* a year is entitled to the same remission as a student in regular standing.

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Graduation Fee.

A graduation fee of twenty dollars is charged to all students taking the degree of Ph.D., S.D., A.M., or S.M.; to all students taking the degree of A.B. who have incurred fewer than four years' full tuition-fees as members of the College; and to all students taking the degree of S.B. who have incurred fewer than four years' full tuition-fees as members of the Scientific School. In the application of this rule, no student will be considered a member of more than one department at the same time.

Laboratory Fees.

Every student who takes a Laboratory Course must pay, in addition to his tuition-fee, the special fees pertaining to such course. For each Laboratory Course in Physics, the fee is *ten dollars*, which covers all charges. For study in the Chemical and Mineralogical Laboratories, there is a general fee, which varies from *five dollars* to *thirty-six dollars*, according to the nature and amount of the work undertaken, and also an individual fee for the use of materials in special investigations and for breakage, and in payment of fines for violation of the laboratory regulations. For courses in Mining and Metallurgy the fees vary from *fifteen dollars* to *forty dollars*. For courses in Mineralogy and Petrography the fees vary from *five dollars* to *thirty dollars*. For Laboratory Courses in Engineering, Psychology, Botany, Zoölogy, and Geology, the fee is *five dollars*, which covers all charges. The fee for each course in Hygiene is *ten dollars*. For instruction and the use of the work-shops in the Rindge Manual Training School, the fee is *fifteen dollars*.

BONDS.

Every Student in Harvard College in regular standing must file with the Bursar a bond in the sum of *four hundred dollars*, signed by two bondsmen, one of whom must be a citizen of the United States, or by a surety company duly qualified to do business in Massachusetts, as security for the payment of College bills; or he may deposit with the Bursar four hundred dollars in money or in United States bonds, for the same purpose; or he may deposit *fifty dollars* as security, and pay his tuition-fees in advance, as follows: — one third on or before *October 1*, one third on or before *January 1*, and one third on or before *April 1*. Money deposited as security is returnable after the issue of the second term-bill, one week before Commencement.

The same rule applies to every Special Student in Harvard College, every Student (Regular or Special) in the Lawrence Scientific School, and every Resident Student in the Graduate School; except that *two hundred dollars* is the amount of the bond or deposit required of a

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student of one of these classes, unless he occupies a College room or boards at Memorial Hall or Randall Hall.

Every student in any department of the University who occupies a College room or boards at Memorial Hall or Randall Hall must file a bond for *four hundred dollars*, or must in advance, and in addition to his tuition-fees, pay the full year's rent of his room, and make a deposit as security for the payment of his board at the rate of *five dollars a week*.

No officer or student of the University is accepted as a bondsman.

BILLS.

The first term-bill, containing two-thirds of the annual charges, is issued February 1; and must be paid on or before *February 21*.

The second term-bill, containing the remaining third of the annual charges, is issued one week before Commencement; and must be paid by a candidate for a degree at least *one day before Commencement*, and by other students on or before *October 10*.

When a student withdraws from the University, his whole bill becomes payable at once.

EXPENSES.

The following table exhibits four scales of annual expenditure: —

	Low.	Moderate.	Liberal.	Very liberal.
Tuition	$150	$150	$150	$150
Room (one-half)	30	50	100	200
Furniture (annual average)	10	15	25	50
Board (39 weeks)	117	160	160	390
Fuel and light	11	15	30	45
Sundries	40	60	100	200
Total	$358	$450	$565	$1035

The above estimates do not include laboratory charges, books and stationery, clothing, washing, membership of societies, subscriptions, service, and the expenses of the long vacation; some of which are luxuries, and all of which vary with the means and habits of the individual student. The exceptionally strong and capable student can, without injury to himself, reduce his necessary expenses below the lowest estimate presented in the above table, which may be regarded as a fair one for a student of ordinary constitution and power of self-command. Information regarding rooms in College buildings may be obtained after April 6, upon application to the Bursar. During the course of the summer a list of available rooms outside the College buildings may be obtained from the Secretary of the Faculty or at the Publication Office.

A committee of officers and students have charge of some hundred sets of chamber and study furniture which are rented at low rates,

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Members of any department of the University can board at cost by joining the Association which uses the great dining-room of Memorial Hall, but the total membership is necessarily limited to about 1100. The cost of board to the members of this Association is expected not to exceed $4.25 a week. Applications for seats for the year 1903–04 should be made before September 15, 1903, to the Auditor of the Dining Association, Memorial Hall. The Hall opens on the last Wednesday in September.

Upwards of eleven hundred members of the various departments of the University are admitted annually to the Randall Hall Association, a coöperative organization having quarters adjoining the College Yard. Simple articles of food are furnished to order at cost, making it possible to board at this Association for from $2.50 to $3.00 a week. The annual fees of the Association are low. Application should be made early to the Secretary of the Randall Hall Association.

The Harvard Coöperative Society is another organization for reducing expenses. At the store of the Society, clothing, books, stationery, wood, coal, etc., can be purchased at reduced prices.

ASSIGNMENT OF COLLEGE ROOMS FOR 1903–04.

Students living in buildings inside the College Yard, who intend to be Undergraduates in the College or in the Scientific School during the academic year 1903–04; and all students living in College buildings outside the Yard, who intend to be students in any department of the University during the academic year 1903–04, may engage for that year the rooms which they now occupy by signing new room-agreements and leaving them at the Bursar's office between March 21 and March 31 inclusive. Holders of academic degrees will not be considered as Undergraduates in the assignment of rooms in the Yard.

A list of all the College rooms not engaged for 1903–04, except rooms in Wadsworth House, and a few rooms in Holyoke House, with blank forms of application, will be ready for delivery at the Bursar's office April 6. Applications for these rooms may be made on or before May 2 by those who intend to be students in the University during the year 1903–04. Applications which are not made on the printed blanks, and applications from those who have already engaged College rooms for 1903–04, will not be considered. The assignment of rooms will be made by lot May 4, and the result of the allotment will be announced May 5.

Lists of the rooms to be let May 4, descriptive lists of rooms, blank applications and bonds will be sent after April 6 to those intending to enter the University in the summer of 1903 who send their names and addresses to the Bursar for that purpose. The application will contain a certificate to be signed by the instructor of the applicant stating that the applicant intends to enter the University in the summer of 1903, and specifying the depart-

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ment he intends to enter, and the examinations (June or September) at which he will apply for admission. The bond for $400 must be executed by two sufficient bondsmen or by a surety company duly qualified to do business in Massachusetts, and will hold them for the full year's rent of any one of the rooms applied for which may be assigned to the applicant between the date of the execution of the bond and the fifth day of October, 1903, unless the applicant is rejected at the June examinations without permission to take the examinations in September; and in that case the bondsmen will be held for one quarter of the full year's rent. But the bondsmen will not be held for any payment of rent if the Bursar lets the room to some other member of the University in accordance with the established rules.

In the assignment of rooms inside the Yard, preference will be given to applicants who will be Undergraduates in the College or in the Scientific School during the academic year 1903–04; and in the assignment of rooms in Stoughton Hall, Holworthy Hall, and Weld Hall, preference will be given to applicants who, during that year, will be members of the Senior class in the College, or of equivalent rank in the Scientific School. In the assignment of a room with two bedrooms, preference * will be given to an application signed by two students who will occupy the room together. If two students, neither of whom has a room standing in his name for 1903–04, intend to occupy a room together and both sign one application, this application will be given two chances in the allotment and any room drawn will be assigned to the two applicants. But if in any case one of two applicants to whom a room has been assigned is not admitted to College at the examination specified by the instructor on the room-application, or if either of the applicants does not register and join his class before October 1, or does not occupy the room through the year, the Bursar may cancel the assignment and assign the room by lot to other applicants.

Every student to whom a room is assigned, except any applicant for admission who is rejected at the June examinations without permission to take the examinations in September, will be held responsible for the full year's rent thereof, and all charges for gas and damages, unless, before October 1, 1903, the room is let at his request to some other student in accordance with the established rules; or unless, being a member of the class of 1904, of 1905, or of 1906, in the College, he permanently severs his connection with the University, obtains a leave of absence for the whole year 1903–04, or is suspended for the whole of that year, and gives written notice to the Bursar before September 1, 1903, that he desires to cancel his room-agreement. When one of two room-mates cancels his room-agreement under the preceding provision, the other room-mate may, except as otherwise provided in the case of rooms assigned by preference

* In Holyoke House, rooms 5, 16, 27, and 38 only, will be subject to this preference.

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to two applicants, secure the room by at once signing a new room-agreement and leaving it at the Bursar's office; but unless he does so, the Bursar will be at liberty to assign the room to other tenants.

Students who have no College rooms for 1903–04 and wish to obtain rooms which may be unengaged May 9, or which may become vacant at any time after that date, may after May 4 file applications at the Bursar's office, specifying the conditions as to buildings, floors, exposure, rent, etc., which they desire to have met, and containing agreements to take any rooms which may be assigned to them which fulfil the specified conditions. These applications will remain in force until such dates as the applicants may specify therein, and rooms will be assigned upon them by lot. Notice of rooms to be assigned may be put upon the bulletin board if the Bursar considers it advisable.

The Bursar may cancel the assignment of a room to one whose connection with the University as a student is terminated; or to one intending to enter College as an undergraduate who does not pass the admission examination or, having passed the examination, does not join his class before October 1, 1903; or to any other person who does not register as a student in some department of the University before October 1, 1903.

The right to occupy a College room is given only to the student to whom the room is assigned and to his room-mate. Neither transfers nor exchanges of rooms are allowed. Not more than two students are allowed to occupy any College room; and not more than one to occupy any room in Divinity Hall except those having bedrooms, nor any room on the North side of Grays Hall, nor Nos. 18, 30, and 42 in Conant Hall. Only the constant use of a room by night as well as by day will be regarded as occupation thereof. All persons who occupy College rooms are subject to the regulations of the Parietal Board. Persons not connected with the University are not allowed to occupy College rooms. Tenants who desire to employ any one to make fires, black boots, etc., must arrange therefor with the porters of the buildings in which they live.

PRICES OF COLLEGE ROOMS FOR 1903–04.

In each case the price is for the whole room from the beginning of the Academic Year until the next Commencement, and includes the daily care of the room.

$30. College House, No. 35.
$40. Divinity, No. 10.
$45. Divinity, No. 5.
$50. College House, Nos. 57 and 58; Divinity, Nos. 2, 3, 6*, 14.
$55. College House, No. 66; Divinity, Nos. 1, 4*, 9*, 12*, 13.
$60. College House, Nos. 22, 44; Divinity, Nos. 11*, 20.

* Rooms thus (*) designated are furnished with bedstead, spring, mattress, pillow, washstand, chiffonnier, desk, chairs, bookshelves, and rug. The other rooms are unfurnished.

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$65. Grays, Nos. 33, 35; College House, Nos. 46, 48, 50, 52, 54, 60, 62, 64; Divinity, Nos. 18, 28.

$70. College House, Nos. 3, 4, 6, 7, 8, 9, 10, 15, 16, 18, 19, 20, 25, 26, 27, 28, 30, 31, 32, 37, 38, 39, 40, 41, 42; Divinity, Nos. 7*, 8*, 24*, 34*, 35, 36, 38*.

$75. Hollis and Stoughton, Nos. 1, 2, 3, 4, 18, 19, 20; Stoughton, No, 17; College House, Nos. 47, 49, 51, 53, 59, 61, 63, 69, 70; Divinity, Nos. 26*, 32*, 40*, 41, 42*.

$80. Grays, No. 34; College House, Nos. 11, 33, 45, 55, 65, 67, 68; Divinity, Nos. 15, 17, 19, 21*, 22*, 23, 25, 29, 31, 33, 37, 39.

$85. Grays, Nos. 13, 15, 49, 51; College House, Nos. 1, 2, 21, 23, 24, 43; Divinity, Nos. 16*, 27*, 30*.

$90. Weld, Nos. 25, 26, 52, 53; Grays, Nos. 3, 17, 19, 37.

$95. Hollis and Stoughton, Nos. 13, 14, 16.

$100. Hollis and Stoughton, Nos. 5, 6, 8, 9, 10, 11, 12, 22, 23, 24, 26, 27, 28; Hollis, No. 21; Stoughton, No. 25; Holyoke, Nos. 39, 45; Foxcroft, Nos. 3, 5; Walter Hastings, No. 61; Wadsworth, Nos. 9 and 10, 11 and 12.

$105. Hollis and Stoughton, Nos. 29, 32; Grays, No. 36.

$110. Grays, Nos. 14, 29, 31.

$115. Grays, Nos. 1, 11, 18, 25, 27, 39, 45; College House, No. 29.

$120. Weld, Nos. 24, 27, 51, 54; Grays, No. 21.

$125. Hollis, No. 17; Weld, Nos. 9, 36; Matthews, Nos. 27, 28, 57, 58; Holyoke, Nos. 6, 17, 28, 46; Foxcroft, Nos. 1, 2, 6, 9, 12, 15, 16; Gannett, No. 7; Walter Hastings, Nos. 13, 22, 23, 32, 46, 59; Perkins, Nos. 3, 4, 6, 7, 8, 9, 10, 11, 12, 49, 50, 51, 52, 54, 55, 56, 57, 58; Conant, Nos. 18, 30, 42.

$130. Hollis and Stoughton, Nos. 30, 31; Thayer, Nos. 17, 18, 19, 20, 41, 42, 65, 66.

$135. Thayer, Nos. 23, 24, 47, 48; Grays, Nos. 16, 30, 50, 52.

$140. Grays, Nos. 2, 9, 26, 40, 47.

$145. Grays, No. 22.

$150. Hollis, Nos. 15, 25; Stoughton, No. 15; Holyoke, Nos. 2, 3, 34, 40, 44; Foxcroft, Nos. 4, 7, 13, 14; Gannett, No. 9; Walter Hastings, Nos. 45, 60; Perkins, Nos. 1, 2, 15, 16, 18, 19, 20, 21, 22, 23, 24, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88.

$160. Thayer, Nos. 13, 14, 15, 16, 35, 36, 43, 44, 59, 60, 67, 68; Grays, No. 32; Matthews, Nos. 25, 26, 29, 30, 55, 56, 59, 60.

$165. Thayer, Nos. 1, 2, 3, 4, 63, 64; Grays, Nos. 4, 10, 12, 20, 28, 38, 46, 48; Matthews, No. 6.

* See foot-note on preceding page.

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$170. Thayer, Nos. 25, 26, 49, 50; Grays, Nos. 6, 8, 42, 44.

$175. Thayer, Nos. 45, 46; Holyoke, Nos. 11, 12, 22, 23, 29, 35, 37, 41, 42, 43, 47; Foxcroft, No. 8; Perkins, Nos. 13, 14, 25, 26, 37, 38.

$185. Weld, Nos. 3, 5, 13, 14, 19, 20, 30, 32, 40, 41, 46, 47.

$190. Thayer, Nos. 5, 6, 8, 9, 10, 11, 12, 37, 38, 39, 40, 57, 58, 61, 62; Weld, Nos. 8, 34; Matthews, Nos. 9, 15, 39, 45.

$200. Thayer, Nos. 21, 22, 31, 51, 52, 56; Holyoke, Nos. 13, 18, 24, 26, 30, 31, 32, 36, 38, 48; Gannett, Nos. 3 and 4, 6; Conant, Nos. 3, 4, 5, 7, 8, 9, 10, 11, 12, 39, 40, 41, 43, 44, 45, 46, 47, 48; Wadsworth, Nos. 1 and 2, 13, 14.

$215. Matthews, Nos. 22, 52.

$220. Thayer, Nos. 33, 34; Weld, No. 1; Matthews, Nos. 3, 4, 33, 34.

$225. Thayer, Nos. 27, 28, 32, 55; Matthews, Nos. 10, 16, 46; Holyoke, Nos. 1, 4, 8, 9, 10, 14, 15, 19, 20, 21, 25, 50; Gannett, Nos. 1, 2; Walter Hastings, Nos. 20, 30, 42; Conant, Nos. 1, 2, 15, 16, 19, 20, 21, 22, 23, 24, 27, 28, 29, 31, 32, 33, 34, 35, 36; Wadsworth, No. 5 and 6.

$240. Weld, Nos. 18, 21, 22, 23, 45, 48, 49, 50.

$245. Weld, Nos. 4, 12, 15, 39, 42; Matthews, Nos, 19, 20, 21, 49, 50, 51.

$250. Weld, Nos. 6, 31. 33; Matthews, No. 5; Holyoke, Nos. 27, 49; Gannett, Nos. 5, 8; Walter Hastings, Nos. 14, 16, 18, 24, 26. 28, 33, 36, 39, 47, 50, 53, 56; Conant, Nos. 13, 14, 25, 26, 37, 38; Wadsworth, Nos. 3 and 4, 7 and 8, 15.

$265. Matthews, Nos. 23, 24.

$270. Weld, Nos. 16, 17, 43, 44.

$275. Holworthy, Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24; Weld, Nos. 2, 10, 11, 28, 29, 37, 38; Matthews, Nos. 1, 2, 8, 13, 14, 31, 32, 35, 36, 37, 38, 43, 44; Holyoke, Nos. 5, 16.

$290. Matthews, Nos. 53, 54.

$300. Walter Hastings, Nos. 12, 21, 35, 38, 41, 44.

$325. Matthews, Nos. 11, 12, 17, 18, 41, 42, 47, 48; Walter Hastings, Nos. 3, 6, 9, 11, 15, 17, 19, 25, 27, 29, 31, 34, 37, 40, 43, 57, 58.

$350. Walter Hastings, Nos. 1, 2, 4, 5, 7, 8, 10, 48, 49, 51, 54, 55.

Divinity Hall is reserved primarily for students of the Divinity School, and rooms in this building will not be assigned to other students until the Thursday on which the academic year begins. Applications by students not of the Divinity School for rooms that shall remain unlet on that date, may be filed with the Bursar during the summer, but such applications must be accompanied in all cases by a written statement from the Dean of the Divinity School that the applicant is approved by him. Applicants who are not known to the Dean should present to him letters of introduction from some officer of the University, or other person qualified to give them.

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APPOINTMENT COMMITTEE.

Chairman, RICHARD COBB, A.B., *Instructor in English.*
JOHN KNOWLES PAINE, A.M., Mus. D., *Professor of Music.*
CHARLES HERBERT MOORE, A.M., *Professor of Art.*
FREDERIC WARD PUTNAM, A.M., S.D., *Professor of American Archaeology and Ethnology.*
GEORGE HERBERT PALMER, A.M., LL.D., *Professor of Philosophy.*
CHARLES LORING JACKSON, A.M., *Professor of Chemistry.*
WILLIAM ELWOOD BYERLY, Ph.D., *Professor of Mathematics.*
CHARLES ROCKWELL LANMAN, Ph.D., *Professor of Sanskrit.*
EDWARD LAURENS MARK, Ph.D., LL.D., *Professor of Anatomy.*
EDWARD STEVENS SHELDON, A.B., *Professor of Romance Philology.*
JOHN HENRY WRIGHT, A.M., LL.D., *Professor of Greek.*
EDWIN HERBERT HALL, Ph.D., *Professor of Physics.*
DAVID GORDON LYON, Ph.D., D.D., *Hollis Professor of Divinity*, and *Curator of the Semitic Museum.*
HANS CARL GÜNTHER VON JAGEMANN, Ph.D., *Professor of Germanic Philology.*
EDWARD CHANNING, Ph.D., *Professor of History.*
JOHN ELIOT WOLFF, Ph.D., *Professor of Petrography and Mineralogy.*
PAUL HENRY HANUS, S.B., *Professor of the History and Art of Teaching.*
GEORGE LYMAN KITTREDGE, A.B., LL.D., *Professor of English.*
ROLAND THAXTER, Ph.D., *Professor of Cryptogamic Botany.*
CHARLES HALL GRANDGENT, A.B., *Professor of Romance Languages.*
BYRON SATTERLEE HURLBUT, A.M., *Assistant Professor of English.*
LEWIS JEROME JOHNSON, C.E., *Assistant Professor of Civil Engineering.*
ROBERT DECOURCY WARD, A.M., *Assistant Professor of Climatology.*
THOMAS NIXON CARVER, Ph.D., *Professor of Political Economy.*

The Committee, which consists of a representative from each Department of the Faculty of Arts and Sciences, recommends for positions of various kinds men who are studying or who have studied under this Faculty, whether or not holders of degrees.

The Committee keeps lists not only of those who being unemployed at the time of registration wish employment and of those who desire to be transferred to other positions, but also of all who are teachers by profession.

The Committee will make prompt reply to persons in authority in colleges and schools, and to professional and business men, who wish its assistance.

No fees are charged for any service rendered by the Committee.

Communications should be addressed to *The Chairman of the Appointment Committee, No. 9 University Hall, Cambridge, Mass.*

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THE DIVINITY SCHOOL.

A leading purpose of the founders of Harvard College was to provide for the churches a learned ministry.

"After God had carried us safe to New England, and wee had builded our houses, provided necessaries for our livelihood, rear'd convenient places for God's worship, and settled the civill government: One of the next things we longed for and looked after was to advance learning and perpetuate it to posterity; dreading to leave an illiterate ministery to the churches, when our present ministers shall lie in the dust." *New England's First Fruits, in respect of the progress of learning, in the Colledge at Cambridge in Massachusetts-bay*, London, 1643.

Instruction in Theology has been given at Harvard College from the time of its foundation. The first professorship instituted in the University was the Hollis Professorship of Divinity, established in 1721. The differentiation of the Divinity School from the College was very gradual. Its Faculty was formally organized in 1819. A separate list of its students — previously included under the head of Resident Graduates — first appears in the Catalogue for 1819–20. The organization of the three oldest professional departments of the University, under the titles Theological School, Medical School, and Law School, is first indicated in the Catalogue for 1827–28.

The Constitution of the Divinity School prescribes that "every encouragement be given to the serious, impartial, and unbiassed investigation of Christian truth, and that no assent to the peculiarities of any denomination of Christians shall be required either of the instructors or students."

The administration of the School is now carefully conformed to this principle. Various denominations are represented in its Faculty and among its students. The aim of its management is to maintain a school in which all matters connected with Theology shall be studied in a spirit as free as that in which Philosophy, History, and Classical Literature are studied in our colleges. At the same time, special attention is given to preparation for the practical work of the ministry. Large opportunity is offered for graduate study; and many of the students are graduates of other theological seminaries.

The degree of Bachelor of Divinity, to be given in connection with graduation from the School, was instituted in 1869. It is awarded on

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recommendation by the Faculty of Divinity. Candidates for this degree must have received a degree of Bachelor of Arts on an approved course of study or show that they have had an education equivalent to that of a college graduate.

Students in the School may be candidates for the degrees of MASTER OF ARTS and DOCTOR OF PHILOSOPHY. These degrees are given on recommendation by the Faculty of Arts and Sciences. (See below.)

The buildings of the Divinity School are situated on Divinity Avenue, and comprise DIVINITY HALL, dedicated in 1826, in which are the Chapel of the School and rooms for students, and DIVINITY LIBRARY, completed in 1887, containing the library and lecture-rooms of the School. The Semitic Museum adjoins the buildings of the School.

THE FACULTY OF DIVINITY.

CHARLES WILLIAM ELIOT, A.M., LL.D., PRESIDENT.

FRANCIS GREENWOOD PEABODY, A.M., D.D., DEAN, and *Plummer Professor of Christian Morals.*

CRAWFORD HOWELL TOY, A.M., LL.D., *Hancock Professor of Hebrew and other Oriental Languages, and Dexter Lecturer on Biblical Literature.*

EPHRAIM EMERTON, Ph.D., *Winn Professor of Ecclesiastical History.*

GEORGE FOOT MOORE, A.M., D.D., *Professor of Theology.*

DAVID GORDON LYON, Ph.D., D.D., *Hollis Professor of Divinity*, and *Curator of the Semitic Museum.*

EDWARD CALDWELL MOORE, Ph.D., D.D., *Parkman Professor of Theology.*

EDWARD HALE, A.B., S.T.B., *Assistant Professor of Homiletics.*

WILLIAM WALLACE FENN, A.M., S.T.B., *Bussey Professor of Theology.*

JAMES HARDY ROPES, A.B., S.T.B., *Assistant Professor of New Testament Criticism and Interpretation.*

HENRY HARRISON HAYNES, S.T.B., Ph.D., *Instructor in Semitic Languages.*

IRVAH LESTER WINTER, A.B., *Instructor in Elocution.*

ARTHUR STEDMAN HILLS, A.B., *Assistant in Elocution.*

ROBERT SWAIN MORISON, A.M., S.T.B., *Librarian*, and *Secretary of the Faculty.*

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ADMISSION OF STUDENTS.

Testimonials. All candidates for admission must furnish testimonials of character and scholarship.

Resident Graduates. Graduates of Theological Schools are admitted as Resident Graduates, provided the courses of study which they have pursued are satisfactory to the Faculty.

Candidates for the degree of S. T. B. All candidates for the degree of Bachelor of Divinity must have received the degree of Bachelor of Arts, representing a course of study approved by the Faculty, or must satisfy the Faculty that their education has been equal to that of graduates of the best New England colleges.

A candidate for the degree may be admitted to advanced standing upon examination. But a candidate who is also qualified to enter as a Resident Graduate, may be admitted to the Senior Class without examination.

Special Students. A person who is not a candidate for the degree of Bachelor of Divinity may enter the School as a Special Student, provided he holds a degree in arts, literature, philosophy, or science, which represents a course of study approved by the Faculty, or provided he satisfies the Faculty that his education has been fully equivalent to such a course.

In all the instruction of the School reference is freely made to German and French books. Students are urgently advised to acquire a reading knowledge of these languages, especially of German, before entering the School.

Every student is expected to be present at the opening of the academic year.

COURSES OF INSTRUCTION.

The following Courses of Instruction are classed as full courses or half-courses, according to the estimated amount of work in each, and its value in fulfilling the requirements for the degree of Bachelor of Divinity. In the following list all courses are full courses, unless the contrary is stated, with the exception of the Courses of Research, which count towards the degree to an extent determined in each case by the instructor, but usually as full courses.

Students are free to choose any studies which they are qualified to pursue, but candidates for the degree are not allowed to neglect entirely any one of the following departments: Old Testament, New Testament, Church History, Theology, Homiletics. Students must in every case leave with the Secretary at the beginning of the year, for the approval of the Faculty, lists of the courses which they propose to take.

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Introduction to the Study of Theology.

Twelve lectures (*first half-year*). (Not counted for a degree.) Professor G. F. MOORE.

Old Testament.

1. Hebrew. Davidson's Introductory Hebrew Grammar. Explanation of parts of Genesis and of the Psalm-book. *Mon., Wed., Fri., at 11.* Dr. HAYNES.

2. Hebrew (second course). Syntax. Interpretation of parts of the Prophets and the Poetical Books. Text-criticism. *Mon., Wed., at 10.* Professor LYON.

9 *hf.* Hebrew (course for rapid reading). *Half-course. Mon., Fri., at 12.* Dr. HAYNES.

3 *hf.* Jewish Aramaic. Kautzsch's Biblisch-Aramäische Grammatik. — Interpretation of parts of Ezra, Daniel, and the Targums. *Half-course. Mon., at 12.* Dr. HAYNES.

4. History of Israel, political and social, till the capture of Jerusalem by the Romans. Text-books, lectures, and theses. *Tu., Th., and (at the pleasure of the instructor) Sat., at 11.* Professor LYON.

5. History of Hebrew Literature. *Tu., Th., at 2.30.* Professor G. F. MOORE.

6. History of the Hebrew Religion. *Wed., Fri., at 3.30.* Professor G. F. MOORE.

7. Assyrian. Lyon's Assyrian Manual. Delitzsch's Assyrian Grammar. Delitzsch's Assyrische Lesestücke (ed. 4). *Tu., Th., at 10.* Dr. HAYNES.

8. Assyrian (second course). Delitzsch's Assyrian Grammar. The Chaldean Epic. Letters and Commercial Documents. *Tu., Fri., at 10.* Professor LYON.

20. Research courses. The instructors will arrange and supervise for any properly prepared student a line of special study on such topic as may be agreed on.

The Semitic Conference holds meetings twice a month throughout the academic year. The subject for 1902–03 is The Relations between Egypt and Canaan. There will be essays and discussions. In addition to the regular work letters from foreign correspondents are read from time to time, and notes are presented calling attention to new publications, to travels, explorations, and discoveries, and to additions to the Semitic Museum and the Semitic Library. The meetings are held in the Semitic Museum.

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New Testament.

2. Introduction to the Study of the New Testament.
First half-year: The origin and history of the New Testament writings.
Second half-year: The teaching of Jesus Christ, and the theological and ethical ideas of the New Testament writers. *Mon., Wed., Fri., at 9.* Asst. Professor ROPES.

[3. The Synoptic Gospels. *Mon., Wed., Fri., at 12.* Asst. Professor ROPES.]
Omitted in 1902–03.

6[1] *hf.* The Gospel and Epistles of John. — Selected portions. *Half-course (first half-year). Tu., Th., at 9.* Asst. Professor ROPES.

7[2] *hf.* The Apostolic Age. — Study of the Acts of the Apostles. *Half-course (second half-year). Tu., Th., Sat., at 9.* Asst. Professor ROPES.

8. The Epistles of Paul. Selected portions. *Mon., Wed., Fri., at 12.* Asst. Professor ROPES.

[13. The Apocalyptic Literature, with special study of the Revelation of John. *Twice a week.* Asst. Professor ROPES.]
Omitted in 1902–03.

14[1] *hf.* The Origin and Growth of the New Testament Canon in its relation to the rise of the Catholic Church and the beginnings of the history of Dogma. *Half-course (first half-year). Tu., Th., at 12, Sat., at 10.* Professor E. C. MOORE.

22 *hf.* Classical Aramaic (Syriac). Rödiger's Chrestomathia Syriaca (ed. 3). The Peshitto version of the New Testament. *Half-course. Wed., at 12.* Dr. HAYNES.

20. Advanced study and research. Asst. Professor ROPES will arrange and supervise special work of competent advanced students on such topics of New Testament study as they may desire to undertake.

Church History.

1. General Church History to the end of the Seventeenth Century. *Tu., Th., Sat., at 11.* Professor EMERTON.

[2*a* [1] *hf.* The Formation of the Catholic Church. *Half-course (first half-year). Twice a week.* Professor EMERTON.]
Omitted in 1902–03.

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[2*b*[2] *hf.* The Roman Papacy in the Middle Ages. *Half-course (second half-year). Twice a week.* Professor EMERTON.]
Omitted in 1902–03.

[3. The Era of the Reformation in Europe, from the rise of Italian Humanism to the close of the Council of Trent, 1350 to 1563. *Tu., Th., Sat., at 11.* Professor EMERTON.]
Omitted in 1902–03.

[4[2] *hf.* The Church since the Reformation. *Half-course (second half-year). Three times a week.* Professor E. C. MOORE.]
Omitted in 1902–03.

5. History of Christian Thought, considered in its relation to the prevailing philosophy of each period from the earliest time to the eighteenth century. *Tu., Th., at 9.* Professor EMERTON.

6 *hf.* Selected Topics from the Canon Law. *Half-course. Once a fortnight.* Professor EMERTON.

20. Advanced study and research. *Once a week, two successive hours.* Professor EMERTON.

History of Religions.

[1[1] *hf.* Introduction to the Study of Religions. *Half-course (first half-year). Twice a week.* Professor G. F. MOORE.]
Omitted in 1902–03.

2. History of Religions in Outline. *Mon., Wed., Fri., at 2.30.* Professor G. F. MOORE.

Theology.

1. Outlines of Christian Theology. *Mon., Wed., Fri., at 11.* Professor FENN.

2[1] *hf.* New England Theology. *Half-course (first half-year). Tu., 3.30–5.30.* Professor FENN.

3[2] *hf.* Typical Systems of Christian Theology. *Half-course (second half-year). Tu., 3.30–5.30.* Professor FENN.

[4 *hf.* The History and Philosophy of Christian Mysticism. *Half-course. Once a week.* Professor FENN.]
Omitted in 1902–03.

6. The History of Christian Thought since Kant, including a discussion of the present state and tendencies of theological thought. *Mon., Wed., Fri., at 12.* Professor E. C. MOORE.

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Social Questions.

1. Introductory course. The Ethics of the Social Questions. — The modern social questions: Charity, the Family, Temperance, and various phases of the Labor question, in the light of ethical theory. — Lectures, special researches, and required reading. *Tu., Th., Sat., at 10.* Professor PEABODY.

20. Sociological Seminary. Subject for the year: The Ethics of Jesus Christ. *Tu., 7.30–9.30* P.M. Professor PEABODY.

Homiletics and Pastoral Care.

1 *hf.* The Structure and Analysis of Sermons. *Half-course.* General exercise, *Sat., at 9.* Asst. Professor HALE.

2. Each student writes eight sermons during the year, of which some are preached before the class and criticized by students and instructor [in Appleton Chapel, *Mon., at 3.30*], and the rest are criticized by the instructor privately. This course may be taken twice. Professors PEABODY, E. C. MOORE, and FENN, and Asst. Professor HALE.

3^2 *hf.* The Minister as Pastor and the Direction of Church Activities. *Half-course* (*second half-year*). *Wed., Fri., at 10.* Asst. Professor HALE.

4^1 *hf.* The Minister as Preacher, and the History of Christian Preaching. *Half-course* (*first half-year*). *Wed., Fri., at 10.* Professor PEABODY.

5^1 *hf.* The Homiletical Use of the New Testament. *Half-course* (*first half-year*). *Tu., Th., at 2.30.* Asst. Professor HALE.

6^2 *hf.* The Homiletical Use of the Old Testament. *Half-course* (*second half-year*). *Tu., Th., at 2.30.* Asst. Professor HALE.

Elocution.

1. Voice Training, and the Elements of Form in Speaking. In classes of three or four. Preparatory to Course 2. *Once a week.* (Not counted for a degree.) Mr. HILLS.

2 *hf.* Sermon Delivery, Scripture Reading, Oral Discussion. *Half-course. Tu., Th., at 12.* Mr. WINTER.

Course 1 must precede Course 2; or, in the case of students properly qualified, may be taken simultaneously with Course 2. Permission to take Course 2 without Course 1 will require the special consent of the instructor.

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TABULAR VIEW OF EXERCISES IN THE DIVINITY SCHOOL. 1902–03.

	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9–10	New Testament 2.	New Testament 6[1], 7[2]. Church History 5.	New Testament 2.	New Testament 6[1], 7[2]. Church History 5.	New Testament 2.	New Testament 7[2]. Homiletics 1.
10–11	Old Testament 2.	Old Testament 7. Old Testament 8. Social Questions 1.	Old Testament 2. Homiletics 3[2]. Homiletics 4[1].	Old Testament 7. Social Questions 1.	Old Testament 8. Homiletics 3[2]. Homiletics 4[1].	New Testament 14[1]. Social Questions 1.
11–12	Old Testament 1. Theology 1.	Old Testament 4. Church History 1.	Old Testament 1. Theology 1.	Old Testament 4. Church History 1.	Old Testament 1. Theology 1.	Old Testament 4. Church History 1.
12–1	Old Testament 3. New Testament 8. Theology 6. Elocution 1.	New Testament 14[1]. Homiletics 2 (*private criticism*). Elocution 2.	New Testament 8. New Testament 22. Theology 6. Homiletics 2 (*private criticism*). Elocution 1.	New Testament 14[1]. Homiletics 2 (*private criticism*). Elocution 2.	New Testament 8. Theology 6. Homiletics 2 (*private criticism*).	
1.30–2.30						
2.30–3.30	Hist. of Religions 2. Elocution 1.	Old Testament 5. Homiletics 5[1], 6[2].	Hist. of Religions 2.	Old Testament 5. Homiletics 5[1], 6[2]. Elocution 1.	Hist. of Religions 2. Elocution 1.	
3.30–4.30	Homiletics 2.	Theology 2[1], 3[2].	Old Testament 6.	Introduction to the Study of Theology[1].	Old Testament 6.	
4.30–5.30		Theology 2[1], 3[2].				

[1] First half-year. [2] Second half-year.

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General Exercises.

Evening Prayers, conducted by officers and students at 7 P.M. each week-day except Friday.

Worship and Preaching, on Fridays after November 1, conducted by students, in the Chapel of the School. Open to the public. *7.30* P. M.

Instruction in other Departments of the University.

Students of the Divinity School are entitled to attend any exercises in the College, or other departments of the University, for which they show themselves fitted, except exercises in laboratories. For students paying the full fee there is no extra charge.

The Hemenway Gymnasium is open to members of this School, without extra charge.

SUMMER SCHOOL OF THEOLOGY.

The fourth session of the Summer School of Theology was held from July 1 to July 18, 1902, and was devoted to the subject of Current Problems in Theology. The School was in charge of the following committee of the Faculty: Professors PEABODY and FENN, Assistant Professors HALE and ROPES, and Mr. MORISON. The School was open to men and women. The fee was $15.

The lecturers were, from Harvard University: Professors PALMER, JAMES, PEABODY, MOORE, and FENN; and, from elsewhere, the following persons: —

GEORGE A. COE, Ph.D., *John Evans Professor of Moral and Intellectual Philosophy, Northwestern University.*

ORELLO CONE, D.D., *Richardson Professor of Biblical Theology, St. Lawrence University.*

CHARLES F. DOLE, *Pastor of the First Congregational Society, Jamaica Plain.*

GEORGE B. FOSTER, A.M., *Professor of Systematic Theology, University of Chicago.*

HENRY CHURCHILL KING, D.D., *Stone Professor of Theology and Philosophy, Oberlin College.*

HENRY S. NASH, D.D., *Professor of the Literature and Interpretation of the New Testament, Episcopal Theological School, Cambridge.*

WILLIAM JEWETT TUCKER, D.D., LL.D., *President of Dartmouth College.*

The lectures were as follows: —

President W. J. TUCKER, four lectures: Modern Christianity.

Professor G. B. FOSTER, six lectures: The Finality of the Christian Religion.

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Professor W. W. Fenn, six lectures: The Authority of Jesus.

Professor G. H. Palmer, two lectures: A Defense of Dogma.

Professor G. F. Moore, six lectures: The Study of Religions in its bearing upon the conception of the Christian Religion and upon the practical task of the Church.

Professor H. C. King, six lectures: The Obscurity of Spiritual Truth.

Professor G. A. Coe, six lectures: Studies in the Psychology of Religion.

Professor H. S. Nash, two lectures: The Dogma of Creation in Relation to the Personal and Social Consciousness; The Atonement as the Realization of Divine and Human Freedom.

Rev. C. F. Dole, two lectures: The Good Will in Ethics; The Good Will in Religion.

Professor William James, two lectures: Intellect and Feeling in Religion.

Professor Orello Cone, two lectures: The Significance of the Death of Jesus.

Professor F. G. Peabody, one lecture: The Character of Jesus Christ.

THE LIBRARY.

The School has a theological library consisting of about 32,600 volumes and 8800 pamphlets. It is classified in about seventy departments, with many sub-divisions. The classification is carried very much farther in a carefully prepared subject card catalogue, in which a book appears under every general subject of which it treats. In this way it is intended to have an index to everything of importance in any volume in the Library. This catalogue is not yet complete, covering now rather more than two thirds of the Library. There is also a card catalogue of authors.

The main part of the Library is stored in a fire-proof stack-room, and books can be borrowed from it during the day. About 2200 volumes are kept in the reading-room, where students have access to them during the day and evening. About 400 volumes of these are reference books; the others are volumes selected by the professors as those most referred to by them, or those which for other reasons they desire to have readily accessible to the students for consultation.

The students of the Divinity School have the right to use the College Library in Gore Hall, which contains about 400,200 volumes and is rich in theological literature. The author catalogue of the Divinity School Library includes all recent theological works acquired by the College Library.

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DEGREES.

Degree of Bachelor of Divinity.

Students properly qualified, who have been registered in the School for not less than one year, and have passed satisfactorily examinations on the work of fourteen approved courses, may receive the degree of BACHELOR OF DIVINITY. Not more than six courses may be offered for the degree in any one year. A student must have completed the work of at least three and a half courses in order to be promoted to the Middle class, and of at least eight courses to be promoted to the Senior class.

In the selection of his studies the student may choose two courses included in the announcement of the Faculty of Arts and Sciences, and not included in that of the Divinity School. Such courses must in each case be approved for the purpose by the Faculty of the Divinity School.

Students who are Bachelors of Arts of Harvard College, and have counted Divinity School courses for the degree of Bachelor of Arts, may, upon the special approval of the Faculty, be allowed to count for the degree of Bachelor of Divinity an equal number of College courses not previously counted for the degree of Bachelor of Arts.

Degrees of Master of Arts and Doctor of Philosophy.

Students who are qualified under the conditions required by the Faculty of Arts and Sciences may receive the degree of MASTER OF ARTS, after pursuing for one year at the School a course of theological study accepted by the Administrative Board of the Graduate School of the University as suitable and sufficient for the purpose, and passing with high credit an examination on the same. Work counted for this degree cannot be counted for the degree of Bachelor of Divinity.

Students in the Divinity School who are qualified under the conditions required by the Faculty of Arts and Sciences may receive the degree of DOCTOR OF PHILOSOPHY after pursuing studies belonging to some one of the following fields: Semitic studies, Biblical and Patristic Greek, Church History, Theology, Sociology.

The examinations for the degree of Ph.D. are conducted by the appropriate Divisions of the Faculty of Arts and Sciences, according to the special regulations of each Division. The Divisions having the above-mentioned subjects in charge are the following: Semitic Languages and History, Ancient Languages, History and Political Science, Philosophy.

Recommendations for the degrees of Master of Arts and Doctor of Philosophy must proceed from the Faculty of Arts and Sciences, and must be conformed to the requirements maintained by that Faculty (see pp. 469–477). For the degree of Ph.D., at least two years of specially

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approved and directed advanced study, one of which must be spent at Harvard University, are required of students already qualified for candidacy for this degree.

Any student who desires to become a candidate for the degree of Master of Arts or Doctor of Philosophy should communicate as early as possible with the *Dean of the Graduate School.*

Certificates.

Students who are not candidates for a degree, and who have passed a satisfactory examination in one or more subjects, are entitled to a certificate, stating the length of time they have been members of the School, and specifying the subjects in which they have been examined.

PRIZES.

Students in the Divinity School may compete for the Dante, Toppan, and Sumner Prizes of the University (see pp. 482–487).

SCHOLARSHIPS AND OTHER PECUNIARY AID.

With the single exception named in connection with the Williams Fund (that the recipient of that fund must be a Protestant), the pecuniary aid furnished by the School is given without regard to denominational differences.

No person may receive aid unless he can show a record of at least seventy-five per cent., or its equivalent, on his previous examinations, and by his character, and in other respects, gives promise of usefulness, and unless he can give evidence that he needs such help.

A student receiving beneficiary aid is required to do a full year's work continued through the final examinations. If at any time he fails to do full work, or if the character of his work falls below the required standard, the aid which he would otherwise receive may be withdrawn for the remainder of the year. If he leaves the School before the close of the year he will, unless excused by the Faculty, be called upon to refund the money for that year which he has already received.

Applications for the Williams Fellowships, for scholarships, or for other pecuniary aid must be made upon blanks to be obtained from the Secretary of the Faculty; they must be accompanied by testimonials, and applicants for the Williams Fellowships must also submit specimens of their work. Applications should be sent to the Secretary of the Faculty, and in order to be considered at the first assignment should be received by him not later than *March 31.*

The income of the funds named below is assigned for beneficiary purposes upon recommendation of the Faculty.

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1. The following funds held by the President and Fellows of Harvard College: —

The CHAPMAN SCHOLARSHIP, founded by the Rev. George Chapman, with an income of one hundred dollars.

The CARY SCHOLARSHIPS, founded by Thomas Cary, Esq., two with an income of one hundred and twenty dollars each.

The SCHOLARSHIPS ON THE JACKSON FOUNDATION, founded by Miss Sarah Jackson, four with an income of one hundred and sixty dollars each.

The CLAPP SCHOLARSHIP, founded by Joshua Clapp, Esq., with an income of one hundred and eighty dollars.

The KENDALL SCHOLARSHIP, founded on the donation of Miss Nancy Kendall, with an income of one hundred and forty dollars.

The JONAS H. KENDALL SCHOLARSHIP, founded by Jonas H. Kendall, Esq., with an income of two hundred dollars.

The BEQUEST OF ABNER W. BUTTRICK, ESQ., of Lowell, the income of which is awarded by the President and Fellows "to such deserving young men as they shall select, to aid them in preparing and educating themselves for the ministry of the Gospel." The annual income of this bequest is five hundred and seventy-five dollars.

The income of the WILLIAM POMROY FUND, amounting to about forty-five dollars.

2. The CHARITY OF EDWARD HOPKINS. From a portion of the income of this fund, held by a board of Trustees, scholarships are awarded to six students, needing aid, who must have received the degree of A.B., who have given evidence of diligent and successful study, and who receive no money or remuneration for services from the University.

3. The WILLIAMS FUND held by The Society for Promoting Theological Education. According to the terms of the bequest, the income is to be given to "such indigent students of Theology, resident in Cambridge, as shall be preparing themselves for the ministry, and shall be deemed most meritorious and worthy of assistance"; and "no student shall be debarred of this charity by reason of not having had a degree at a college, or being educated at any other college, or entertaining any peculiar modes of faith, it being always understood that he must be a Protestant." The income of the Williams Fund amounts to about four thousand dollars.

From the income of the above funds fellowships and scholarships are awarded as follows: —

1. WILLIAMS FELLOWSHIPS. At present two resident Williams Fellowships of four hundred dollars each are offered to graduates of this or any other Theological School who purpose to enter the Christian ministry.

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These Fellowships are intended to encourage advanced theological work of a high order.

2. Six HOPKINS SCHOLARSHIPS. The value of these scholarships depends on the income of the fund in each year, but may be estimated at about two hundred and seventy-five dollars.

3. Scholarships made by combining the income of the several funds held by the President and Fellows and the Williams Fund in awards dependent upon grades attained. The amounts given are usually two hundred, two hundred and fifty, or three hundred dollars. In the last five years there have been annually granted on an average seven scholarships of two hundred dollars or less, and four scholarships of two hundred and fifty dollars or more.

FEES AND EXPENSES.

The annual fee for tuition is *one hundred and fifty dollars*, but for Resident Graduates and Special Students not doing full work the fee will vary according to the number of courses taken; the charge for each full course being $45, and for each half-course $25, the minimum charge to any student being $30, and the maximum $150. A student who joins the Divinity School after the beginning of the academic year will be charged for instruction from the beginning of the third in which he joins. One who leaves during the year will be charged for instruction only to the end of the third in which he leaves, if before that time he gives written notice of his withdrawal to the Secretary of the Faculty; otherwise he will be charged for instruction to the end of the third in which such written notice is given. But a Resident Graduate or Special Student doing less than full work must pay the entire fee for such courses as he takes, without deduction for absence or withdrawal. The first third begins at the beginning of the academic year and ends *December 31*. The second third begins January 1 and ends *March 31*. The last third begins April 1 and ends at *Commencement*. See pages 535 and 536 for additional fees chargeable to candidates for the degree of A.M. or Ph.D.

Every student must file a bond with the Bursar in the sum of *two hundred dollars*, signed by two bondsmen, one of whom must be a citizen of the United States, or by a surety company duly qualified to do business in Massachusetts, as security for the payment of his dues to the University; or he may deposit with the Bursar *two hundred dollars* in money or in United States bonds, for the same purpose; or he may deposit *fifty dollars* as security, and pay his tuition fees in advance as follows: — one third on or before *October 1*, one third on or before *January 1*, and one third on or before *April 1*. But any student who lives in a College room, or boards at Memorial Hall or at Randall Hall, must file a bond in

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the sum of *four hundred dollars;* or deposit *four hundred dollars* in money or United States Bonds; or deposit *fifty* dollars as security, pay his tuition fees in advance as above, pay in advance the full year's rent of any room that may be assigned to him, and make a deposit with the Bursar as security for the payment of his board at the rate of five dollars a week. Money deposited as security is returnable after the issue of the second term-bill, one week before Commencement. Interest is not allowed on deposits.

No officer or student of the University will be accepted as a bondsman.

Term bills are issued on February 1 and one week before Commencement, and must be paid on or before *February 21* and *October 10*, respectively, but the second bills of candidates for degrees must be paid at least *one day before Commencement.* The first bill, issued February 1, will contain two thirds, and the second bill will contain one third, of the annual charges. When a student severs his connection with the School, his whole bill becomes payable at once.

The average expenses of a student for the year are: —

For rent and care of room	$60.00
For tuition	150.00
For board, 38 weeks	114.00
For fuel and light	15.00
	$339.00

Students can board at cost by joining the Association which uses the dining-room of Memorial Hall. The cost of board here is expected not to exceed $4.15 a week. The membership is limited, and application should be made before September 15, to the Auditor of the Dining Association, Memorial Hall.

At Randall Hall board is furnished *à la carte*, at a cost which averages about $3.00 per week. Application should be made early to the Secretary of the Randall Hall Association.

Divinity Hall, the dormitory of the Divinity School, contains 42 rooms. These rooms are primarily reserved for students of the Divinity School, and will not be assigned to other students until the Thursday on which the academic year begins. On that day a list of the rooms not previously engaged will be posted at the Bursar's office, and applications may be made to him. The Dean of the Divinity School, however, reserves the right of discriminating between applications as the interests of the School may in his judgment dictate.

Some of the rooms in Divinity Hall are furnished, the furniture consisting of: iron bedstead, with spring, mattress, and pillow; washstand; chiffonnier; study table; chairs; book shelves; rug. The price includes the use of the furniture.

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The rooms range in price as follows: —

Unfurnished Rooms.

$40 . . . No. 10.	$65 . . . No. 18.
$45 . . . " 5.	$70 . . . " 35, 36.
$50 . . . " 2, 3, 14.	$75 . . . " 41.
$55 . . . " 1, 13.	$80 . . . " 15, 17, 19, 23, 25, 29, 31, 33, 37, 39.
$60 . . . " 20.	

Furnished Rooms.

$50 . . . No. 6.	$75 . . . No. 26, 32, 40, 42.
$55 . . . " 4, 9, 12.	$80 . . . " 21, 22.
$60 . . . " 11.	$85 . . . " 16, 27, 30.
$70 . . . " 7, 8, 24, 34, 38.	

N. B. — In each case the price is for the whole room from the beginning of the academic year until the next Commencement, and includes the daily care of the room.

Applications for rooms should be made as early as possible after April 1, in order that a choice may be secured.

The Bursar may cancel the assignment of a room to any student who does not take possession of it on or before the first day of October.

Furthur information will be furnished, if desired, on application to Robert S. Morison, Secretary of the Faculty.

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THE LAW SCHOOL.

The Law School was established in 1817, and is the oldest of the law schools now existing in the United States.

From 1839 to 1870 the curriculum was two years, or four terms, but the lectures of one year were not given in the other year. Few persons took the full course, the degree of BACHELOR OF LAWS being conferred upon all persons who were members of the School for eighteen months, or three terms. In 1870 the course prescribed for the degree was lengthened to two years, and all the subjects of each year were taught every year. The present three years' course dates from 1877. There were no examinations for the degree until June, 1871, and none for admission until 1877. Special Students were admitted without examination as late as 1893. In the year 1896–97, the rule came into force by which only graduates of approved colleges and persons qualified to enter the Senior Class of Harvard College were admitted as regular students. Under the present rule, adopted in 1899, only graduates of approved colleges (see below) will be admitted as regular students.

DANE HALL, the first building erected for the use of the Law School, was completed in 1832, and enlarged in 1845. AUSTIN HALL, the present home of the School, standing in Holmes Place, Cambridge, was finished in 1883.

THE FACULTY OF LAW.

CHARLES WILLIAM ELIOT, A.M., LL.D., PRESIDENT.
JAMES BARR AMES, LL.D., DEAN, and *Bussey Professor of Law.*
JEREMIAH SMITH, LL.D., *Story Professor of Law.*
JOHN CHIPMAN GRAY, LL.D., *Royall Professor of Law.*
JOSEPH DODDRIDGE BRANNAN, A.M., LL.B., *Professor of Law.*
EUGENE WAMBAUGH, LL.D., *Professor of Law.*
EDWARD HENRY STROBEL, A.B., LL.B., *Bemis Professor of International Law.*
JOSEPH HENRY BEALE, JR., A.M., LL.B., *Professor of Law.*
SAMUEL WILLISTON, A.M., LL.B., *Professor of Law.*
JENS IVERSON WESTENGARD, LL.B., *Assistant Professor of Law.*

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WILLIAM RODMAN PEABODY, A.B., LL.B., *Lecturer on Criminal Law.*
EDWARD BRINLEY ADAMS, A.B., LL.B., *Lecturer on Property, and Irrigation.*
BRUCE WYMAN, A.M., LL.B., *Lecturer on Property, Conflict of Laws, Carriers, Suretyship and Mortgage.*
CHARLES JAMES HUGHES, Jr., A.M., *Lecturer on Mining Law.*
——— ———, *Lecturer on New York Practice.*

JOHN HIMES ARNOLD, A.M., *Librarian.*
CHARLES FRANCIS DORR BELDEN, LL.B., *Assistant Librarian.*
FREDERIC LOUIS FISCHER, A.B., *Secretary.*

ADMISSION OF STUDENTS.

Persons wishing to enter the Law School as First-Year Students or as Special Students must register between Commencement Day and the first day of November following.

The following persons will be admitted without examination as candidates for the degree of Bachelor of Laws upon producing their diplomas:

I. *Bachelors of Arts of the following Colleges:

Acadia,
Adrian,
University of Alabama,
Albion,
Alfred University,
Allegheny,
Alma,
Amherst,
Antioch,
Bates,
Beloit,
Boston University,
Bowdoin,
Brown University,
Buchtel,
Bucknell University,
University of California,
Carleton,
Central University,
Centre,
University of Chicago,
University of Cincinnati,
Colby,
Colgate University,
Colorado,
University of Colorado,
Columbia University,
Columbian University,
Cornell,
Cornell University,
Dalhousie,
Dartmouth,
Delaware,
Denison University,
De Pauw University,
Dickinson,
Drake University,
Earlham,

*This list has been made chiefly from the Colleges whose graduates have entered the School in recent years. It is accordingly not intended to be exhaustive, and will doubtless be enlarged from time to time. Graduates of Colleges not here mentioned are advised to communicate with the Dean of the Faculty of Law before making formal application for admission as candidates for a degree.

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Franklin and Marshall,
Georgetown University,
University of Georgia,
Hamilton,
Hanover,
Harvard University,
Haverford,
Hillsdale,
Hobart,
Illinois,
University of Illinois,
University of Indiana,
University of Indianapolis,
Iowa,
State University of Iowa,
Iowa Wesleyan University,
Johns Hopkins University,
University of Kansas,
Kansas Wesleyan University,
Kenyon,
Kings,
Knox,
Lafayette,
Lake Forest University,
Lawrence University,
Lehigh University,
Leland Stanford Jr. University,
McGill University,
Manhattan,
Marietta,
Miami University,
University of Michigan,
Middlebury,
University of Minnesota,
University of Mississippi,
University of Missouri,
Missouri Valley,
Mt. Allison,
Mt. Union,
University of Nebraska,
University of New Brunswick,
College of the City of New York,
University of the City of New York,
University of North Carolina,
Northwestern University,
University of Notre Dame (Ind.),
Oberlin,
Ohio State University,
Ohio Wesleyan University,
Olivet,
University of Oregon,
Ottawa University,
Pennsylvania,
University of Pennsylvania,
Pomona,
Princeton University,
Racine,
University of Rochester,
Rutgers,
St. John's,
St. Lawrence University,
University of the South,
University of South Carolina,
Swarthmore,
Syracuse University,
University of Texas,
University of Toronto,
Trinity (Ct.),
Tufts,
Tulane University of Louisiana,
Union,
Vanderbilt University,
University of Vermont,
Victoria University,
University of Virginia,
Washington University (Mo.),
Washington and Jefferson,
Wesleyan University (Ct.),
Western Reserve University,
Western University of Pennsylvania,
Wheaton,
Williams,
University of Wisconsin,
Wittenberg,
University of Wooster,
Yale University.

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II. * Bachelors of Literature of the following Colleges:

University of California,
Central University,
University of Cincinnati,
Cornell University,
Dartmouth,
Iowa Wesleyan University,
University of Michigan,
University of Minnesota,
University of Missouri,
Northwestern University,
Pomona,
Western Reserve University,
University of Wisconsin.

III. * Bachelors of Philosophy of the following Colleges:

Albion,
Alfred University,
Beloit,
Boston University,
Brown University,
University of California,
University of Chicago,
University of Colorado,
Cornell University,
Delaware,
Denison University,
DePauw University,
Dickinson,
Drake University,
Illinois,
Iowa,
State University of Iowa,
Iowa Wesleyan University,
University of Michigan,
Northwestern University,
Oberlin,
Ohio State University,
University of Pennsylvania,
University of Rochester,
Union,
University of Vermont,
Wesleyan University (Ct.),
Western Reserve University,
University of Wooster,
Yale University.

IV. * Bachelors of Science of the following Colleges:

Amherst,
Bowdoin,
Carleton,
University of Chicago,
University of Cincinnati,
Cornell University,
Dartmouth,
Harvard University,
Illinois Wesleyan University,
Iowa,
State University of Iowa,
Iowa Wesleyan University,
Massachusetts Institute of Technology,
University of Michigan,
University of Minnesota,
Northwestern University,
Oberlin,
Ohio State University,
Pennsylvania,
University of Pennsylvania,
Pomona,
Princeton University.

* See foot-note on page 561.

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Special Students.

The following persons will be admitted as Special Students:

I. Holders of academic degrees in Arts, Literature, Philosophy or Science who are not admissible as candidates for a degree.

II. Graduates of Law Schools which confer the degree only after an examination upon a three years' course of at least eight months in each year.

III. Persons who have never received a degree, but who have attained the age of twenty-one years, will, in rare instances, be admitted as Special Students by special vote of the Faculty. Those who wish to enter by such a vote should make application to the Secretary not later than the first day of May, stating the circumstances which prevented them from receiving a college education, and giving their age, their previous mental training, their occupation, if any, and the name of two persons familiar with their character, ability, and attainments. Those applicants whose record seems to the Faculty sufficiently promising will be admitted to the School upon passing, in September, satisfactory examinations in Blackstone, in the translation from standard Latin and French prose authors, and in the rendering of passages of easy English prose into Latin and French.

Advanced Standing.

Any person who, after receiving a degree from a college in the preceding list of selected colleges, has been in regular attendance for at least one academic year of not less than eight months at another law school having a three years' course for its degree, will be admitted to the Second Year class upon passing satisfactorily, in June, the annual examinations in the studies of the First Year. This examination will require a thorough knowledge of the following books: Gray's *Cases on Property*, vols. 1, 2; *Cases on Contracts:* Langdell, vol. 1 (2d ed.), and Williston, vol. 2; *Cases on Torts:* Ames, vol. 1 (2d ed.), and Smith, vol. 2; Beale's *Cases on Criminal Law;* Ames's *Cases on Pleading*. The examination is by printed questions, which the candidates answer in writing in the presence of the examiner.

PROGRAMME OF INSTRUCTION.

The design of this School is to afford such a training in the fundamental principles of English and American Law as will constitute the best preparation for the practice of the profession in any place where that system of law prevails. With this view, the programme of study, which is designed to occupy the student three full years, will comprise the following subjects: —

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First Year.

Contracts. Professor Williston. *Three hours a week. Cases on Contracts:* Langdell, vol. 1 (2d ed.); Williston, vol. 2.

Criminal Law and Procedure. Professor Beale[1] and Mr. Peabody.[2] *Two hours a week.* Beale's *Cases on Criminal Law.*

Property. Asst. Professor Westengard and Mr. Adams. *Two hours a week.* Gray's *Cases on Property*, vols. 1, 2.

Torts. Professor Smith. *Two hours a week. Cases on Torts:* Ames, vol. 1 (2d ed.); Smith, vol. 2.

Civil Procedure at Common Law. Professor Ames. *One hour a week.* Ames's *Cases on Pleading.*

Second Year.

Agency. Professor Wambaugh. *Two hours a week.* Wambaugh's *Cases on Agency.*

Bills of Exchange and Promissory Notes. Professor Brannan. *Two hours a week.* Ames's *Cases on Bills and Notes.*

Evidence. Professor Gray. *Two hours a week.* Thayer's *Cases on Evidence.*

Jurisdiction and Procedure in Equity. Professor Ames[2] and Professor Beale.[1] *Two hours a week.* Ames's *Cases in Equity Jurisdiction.*

Property. Asst. Professor Westengard and Mr. Wyman. *Two hours a week.* Gray's *Cases on Property*, vols. 3, 4.

Sales of Personal Property. Professor Williston. *Two hours a week.* Williston's *Cases on Sales.*

Trusts. Professor Ames. *Two hours a week.* Ames's *Cases on Trusts* (2d ed.).

Admiralty. Professor Ames. *One hour a week.* Ames's *Cases on Admiralty.*

Bankruptcy. Professor Williston. *Two hours a week during the first half-year.* Williston's *Cases on Bankruptcy.*

Carriers. Mr. Wyman. *One hour a week.* Beale and Wyman's *Cases on Public Service Companies.*

Contracts. Professor Wambaugh. *Two hours a week in the second half-year.* No text-book.

Damages. Professor Brannan. *One hour a week.* Beale's *Cases on Damages.*

[1] Second half-year. [2] First half-year.

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[The interpretation of Statutes. *One hour a week.*]
Omitted in 1902–03.

Law of Persons. Professor SMITH. *One hour a week.* Smith's *Cases on Persons.*

Quasi-Contracts. Professor WAMBAUGH. *Two hours a week in the first half-year.* Keener's *Cases on Quasi-Contracts.*

THIRD YEAR.

Conflict of Laws. Professor BEALE[1] and Mr. WYMAN.[2] *Two hours a week.* Beale's *Cases on the Conflict of Laws.*

Constitutional Law. Professor GRAY. *Two hours a week.*
Thayer's *Cases on Constitutional Law.*

Corporations. Professor SMITH. *Two hours a week.* Smith's *Cases on Private Corporations* (2d ed.); Smith's *Cases on Municipal Corporations.*

Insurance — Marine, Fire, and Life. Professor WAMBAUGH. *Two hours a week.* (Either half-year may be taken separately; but the only examination will be held in June.) Wambaugh's *Cases on Insurance.*

[International Law as administered by the Courts.[3] Professor STROBEL. *Two hours a week.*]
Omitted in 1902–03.

Partnership. Professor BRANNAN. *Two hours a week.* Ames's *Cases on Partnership.*

Property. Asst. Professor WESTENGARD. *Two hours a week.* Gray's *Cases on Property*, vols. 5, 6.

[Roman Law — selected topics.[3] *Two hours a week.*]
Omitted in 1902–03.

Suretyship and Mortgage. Mr. WYMAN. *Two hours a week.* Ames's *Cases on Suretyship.*

Jurisdiction and Procedure in Equity. Professor AMES. *Two hours a week in the second half-year.* Ames's *Cases in Equity Jurisdiction.*

Comparative Jurisprudence.[3] Professor GRAY. *One hour a week.*

EXTRA COURSES.

[Civil Law of Spain and the Spanish Colonies. Professor STROBEL. *Not less than twelve lectures.*]
Omitted in 1902–03.

[Massachusetts Practice. *One hour a week.*]
Omitted in 1902–03.

[1] Three hours a week in the second half-year. [2] One hour a week in the first half-year.
[3] No text-book.

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Civil Procedure under the New York Code. —— ——. *Not less than thirty hours.*

Law of Mining. *A course of not less than ten lectures.* Mr. Hughes.

Law of Irrigation. *A course of not less than ten lectures.* Mr. Adams.

[Patent Law. *A course of not less than twelve lectures.*]
Omitted in 1902–03.

No examination will be held in the extra courses, and they will not count towards a degree.

In addition to the foregoing Third-Year subjects, Third-Year students may elect any Second-Year subjects which they have not taken in their second year.

Every candidate for a degree will be required to take all the subjects of the first year, and ten hours a week in each of the last two years.

Instruction in other Departments of the University.

The instruction given in the other departments of the University, with the exception of exercises carried on in the special laboratories, is also open, without additional charge, to students of the Law School. Those who wish to avail themselves of these privileges must procure from the Dean a certificate of membership of the School.

The Hemenway Gymnasium is open to members of this School, without extra charge. Each student is entitled to a thorough personal examination by the Director and to special direction and advice as to the form and amount of physical exercise best suited to his case.

LIBRARIES.

The Library of the Law School contains about 68,000 volumes, and is liberally administered in the interests of the students. About eleven thousand dollars a year are spent in increasing and improving it.

Students in the Law School have the right to use the College Library in Gore Hall.

DEGREES.

Degree of Bachelor of Laws.

The requirements for the degree of Bachelor of Laws in point of age, length of residence at the School, and the passing of examinations are as follows: —

Age. At the time of receiving the degree one must have attained the age of twenty-one years.

Length of Residence. The required period of residence at the School is three years. Students admitted to Advanced Standing after a year's residence at another law school may count that year as one of the three years.

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EXAMINATIONS. To receive the degree of Bachelor of Laws it is necessary to pass satisfactory examinations in the entire course of three years, Special Students being required to obtain a mark within five per cent. of that demanded for the honor degree. Students who pass these examinations with distinguished excellence will receive the degree of Bachelor of Laws, *cum laude*.

The right to take the examinations, as well as the privilege of continuing one's membership in the School at any time, is conditioned upon regular attendance at the exercises of the School.

The examinations in the studies of the first, second, and third years must be passed at the end of each year respectively.

No student who fails to pass an examination in at least four subjects at the end of the first year, or in four full courses or their equivalent at the end of the second and third years, will be allowed, unless by a special vote of the Faculty, to continue in the School, or to rejoin it at any subsequent time, unless at some regular examination he obtain a general average, on the entire work of the year in which he failed, at least five per cent. higher than the usual passing mark.

No student who has more than one condition standing against him on the work of the first two years will be allowed to register as a Third-Year student, or to graduate at the end of his third year. He may, however, although registered as a Second-Year student, take and count towards his degree a limited number of the Third-Year subjects, the number varying according to the number of his conditions.

No student who fails, on account of conditions, to receive his degree in due course, will be permitted, except by special vote of the Faculty, to remove his conditions later than two years after the graduation of his regular class.

Every person who, while a member of the School, shall pass a satisfactory examination in one or more subjects, will be entitled to a certificate, stating the length of time he has been a member of the School and specifying the subjects in which he has passed an examination.

SCHOLARSHIPS AND OTHER PECUNIARY AIDS.

A limited number of SCHOLARSHIPS, of the annual value of one hundred and fifty dollars each, are awarded to meritorious students standing in need of such assistance, who have been in the School one full year at least, and who intend to remain in the School for the full three years' course. The award will be made by the Corporation, on the recommendation of the Faculty, at the beginning of each academic year. Two thirds of the annual value of the scholarships are paid on the 21st of February, and one third immediately after the issue of the June term-bill. Applications for these scholarships must be made in writing, to the Dean, by *the first of June*. In making the award a preference will be given to members of the Third-Year class.

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The income of the JOHN FOSTER FUND, amounting to about one hundred and fifty dollars, is payable every other year to one or more meritorious students needing assistance.

THE AMES PRIZE.

In 1898, JULIAN W. MACK, LL.B., of the Class of 1887, gave *three thousand dollars*, afterwards adding six hundred and fifty dollars to his gift, to establish the James Barr Ames Prize Fund, "from the income of which a prize of not less than four hundred dollars shall be from time to time awarded for a meritorious essay or book on some legal subject."

The Ames Prize will be awarded at intervals. The first will be awarded in 1902.

It will consist of a bronze medal and a sum of not less than $400.

It will be awarded for the most meritorious law book or legal essay written in the English language and published not less than one nor more than five years before the award.

The prize will be awarded by the Faculty of the Harvard Law School.

FEES AND EXPENSES.

The tuition fee is one hundred and fifty dollars a year. There are no *extra* charges in the School.

The other expenses of a student for an academic year may be estimated as follows: —

Rent and care of a furnished room . . .	$40 to $150
Board for thirty-eight weeks	114 to 266
Fuel and Lights	11 to 25
Text-books	25 to 35
	$190 to $476

The University buildings contain over seven hundred rooms for student lodgings, of which upwards of two hundred are available in each year for new-comers. Particulars may be obtained from the Bursar.[1] Application should be made early.

Board at cost can be obtained at Memorial Hall by members of the Law School. It is expected that the cost per week will not exceed four dollars and fifteen cents. Applications for seats should be made before September 15 to the Auditor of the Dining Association, Memorial Hall. The Randall Hall Association, an organization having commodious quarters near the School, is open to Law students. Simple articles of wholesome food are furnished to order at cost, making it possible to board for from $2.50 to $3.00 a week.

[1] The Bursar's Office is in Dane Hall, Harvard Square, Cambridge. Hours 9–1.

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The term-bills are issued February 1, and one week before Commencement, and are to be paid respectively on or before *February 21* and *October 10*; but the second bill of all candidates for degrees must be paid at least *one day before Commencement*. The first bill will contain two thirds, and the second bill one third of the annual charges. When a student severs his connection with the School, his whole bill becomes payable at once.

A student who joins the Law School after the beginning of the academic year will be charged for instruction from the beginning of the third in which he joins. One who leaves during the year will be charged for instruction only to the end of the third in which he leaves, if, before that time, he gives written notice of his withdrawal to the Dean; otherwise he will be charged for instruction to the end of the third in which such written notice is given. The first third begins at the beginning of the academic year and ends *December 31*. The second third begins January 1 and ends *March 31*. The last third begins April 1 and ends at *Commencement*.

Every student must file a bond with the Bursar in the sum of $200, signed by two bondsmen, one of whom must be a citizen of the United States, or by a surety company duly qualified to do business in Massachusetts, as security for the payment of dues to the University; or, instead of filing a bond, he may deposit $50 with the Bursar upon his entrance, as security, and pay his tuition fees in advance as follows: one third on or before October 1, one third on or before January 1, and one third on or before April 1. Money deposited as security is returnable after the issue of the second term-bill, one week before Commencement. Every student who lives in a College room or boards at Memorial Hall or at Randall Hall must file the same bond as undergraduates ($400), or pay rent for the year in advance, and make a deposit with the Bursar as security for the payment of his board at the rate of $5 a week. All persons living in College rooms are subject to the regulations of the Parietal Committee, in the same manner as undergraduates.

No officer or student in the University is accepted as a bondsman.

For the special pamphlet issued by the Law School, for information not contained in the Catalogue or the special pamphlet, and for examination papers, address: *The Secretary, Harvard Law School, Cambridge, Mass.*

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DEPARTMENTS

UNDER THE CHARGE OF THE

FACULTY OF MEDICINE

NAMELY

THE MEDICAL SCHOOL
THE DENTAL SCHOOL

The Faculty of Medicine was instituted in 1899, and is invested by the Statutes of the University with the immediate charge of the Medical School, and of the Dental School, each of which schools was before that date under the government of a separate Faculty. For each of these two schools there is an Administrative Board, to which all powers relating to ordinary matters of administration and discipline, except the power to inflict the penalties of dismission and expulsion, are delegated by the Faculty. The Faculty of Medicine makes recommendations to the President and Fellows of Harvard College for the ordinary degrees of Doctor of Medicine, and of Doctor of Dental Medicine. It also has control of the requirements for admission to the two schools in its charge, of courses of instruction, of regulations concerning the choice of studies, and of nominations for fellowships and scholarships.

THE FACULTY OF MEDICINE.

CHARLES WILLIAM ELIOT, A.M., LL.D., PRESIDENT.

WILLIAM LAMBERT RICHARDSON, M.D., DEAN, and *Professor of Obstetrics.*

OLIVER FAIRFIELD WADSWORTH, M.D., *Williams Professor of Ophthalmology.*

HENRY PICKERING BOWDITCH, M.D., LL.D., D.Sc., *Professor of Physiology.*

CLARENCE JOHN BLAKE, M.D., *Professor of Otology.*

FRANK WINTHROP DRAPER, M.D., *Professor of Legal Medicine.*

CHARLES BURNHAM PORTER, M.D., *Professor of Clinical Surgery.*

JOHN ORNE GREEN, M.D., *Clinical Professor of Otology.*

JOHN COLLINS WARREN, M.D., LL.D., HON. F.R.C.S., *Moseley Professor of Surgery.*

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REGINALD HEBER FITZ, M.D., *Hersey Professor of the Theory and Practice of Physic.*

THOMAS DWIGHT, M.D., LL.D., *Parkman Professor of Anatomy.*

THOMAS FILLEBROWN, D.M.D., M.D., *Professor of Operative Dentistry and Oral Surgery.*

JAMES JACKSON PUTNAM, M.D., *Professor of Diseases of the Nervous System.*

EDWARD STICKNEY WOOD, M.D., *Professor of Chemistry.*

FREDERICK CHEEVER SHATTUCK, M.D., *Jackson Professor of Clinical Medicine.*

EDWARD HICKLING BRADFORD, M.D., *Assistant Professor of Orthopedics.*

CHARLES ALBERT BRACKETT, D.M.D., *Professor of Dental Pathology.*

FRANCIS HENRY DAVENPORT, M.D., *Assistant Professor of Gynaecology.*

THOMAS MORGAN ROTCH, M.D., *Professor of the Diseases of Children.*

WILLIAM BARKER HILLS, M.D., *Associate Professor of Chemistry.*

EUGENE HANES SMITH, D.M.D., *Professor of Mechanical Dentistry and Orthodontia*, and *Dean of the Dental School.*

WILLIAM FISKE WHITNEY, M.D., *Curator of the Anatomical Museum.*

CHARLES SEDGWICK MINOT, S.D., LL.D., *Professor of Histology and Human Embryology.*

MAURICE HOWE RICHARDSON, M.D., *Associate Professor of Clinical Surgery.*

CHARLES MONTRAVILLE GREEN, M.D., SECRETARY, and *Assistant Professor of Obstetrics.*

EDWARD CORNELIUS BRIGGS, D.M.D., M.D., *Professor of Dental Materia Medica and Therapeutics.*

WILLIAM THOMAS COUNCILMAN, M.D., *Shattuck Professor of Pathological Anatomy.*

HERBERT LESLIE BURRELL, M.D., *Assistant Professor of Surgery.*

HAROLD CLARENCE ERNST, M.D., *Professor of Bacteriology.*

CHARLES HARRINGTON, M.D., *Assistant Professor of Hygiene.*

GEORGE GRAY SEARS, M.D., *Assistant Professor of Clinical Medicine.*

FRANZ PFAFF, M.D., *Assistant Professor of Pharmacology and Therapeutics.*

THEOBALD SMITH, M.D., *George Fabyan Professor of Comparative Pathology.*

WILLIAM TOWNSEND PORTER, M.D., *Associate Professor of Physiology.*

FRANKLIN DEXTER, M.D., *Associate Professor of Anatomy.*

FRANK BURR MALLORY, M.D., *Associate Professor of Pathology.*

For the names of Lecturers, Instructors, and Assistants, associated in the work of instruction with the Faculty of Medicine, see pages 25–32.

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THE MEDICAL SCHOOL.

Three professorships of Medicine were established at the University in the years 1782 and 1783. The first degrees in Medicine were conferred in 1788. Before 1811, the degree conferred upon graduates of the School was that of BACHELOR OF MEDICINE; beginning with 1811, the degree has been DOCTOR OF MEDICINE. In 1810, the lectures given in Medicine were transferred from Cambridge to Boston, where the first MEDICAL COLLEGE was built in 1815.

The course of study required in this School for the degree of M.D. is of four years' duration. This requirement was established at the beginning of the year 1892–93.

Beginning with the year 1899–1900 a new arrangement of the subjects taught in the first two years was adopted. During the first half of the first year the students devote their time solely to Anatomy and Histology, and during the second half of the first year to Physiology and Physiological Chemistry. They devote the first half of the second year to Pathology and Bacteriology, and the remainder of the second year to a variety of subjects which more particularly prepare the student for the clinical work of the third and fourth years.

Experience has shown that this logical arrangement of the subjects of the first two years enables a student to concentrate his energies to a much greater advantage than he can when his attention is divided among several subjects. Each correlated group presents sufficient variety to avoid monotony. Another advantage of this method is that it greatly increases the amount of time which can be devoted to each subject.

In 1902 certain other changes in the curriculum were adopted, to take effect with the class entering in the autumn of that year. The new course of study is so arranged that the first three years are devoted to prescribed work, and the fourth year entirely to elective courses. A minimum of one thousand hours' work will be required of each fourth-year student; and courses will be offered adapted to the student who wishes to fit himself for a general practitioner, and also suitable courses for those who intend to become specialists or teachers in any department of medicine. A committee of the Faculty will advise students in regard to their selection of courses. The new elective curriculum of the fourth year will begin in the autumn of 1905.

A series of written, oral, and practical examinations on all the required subjects of medical instruction are distributed throughout the four years' course of study. Every candidate for the degree of Doctor of Medicine

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must pass these examinations in a satisfactory manner, and also fulfil all the other requirements enumerated on page 596.

The degree of Doctor of Medicine *cum laude* is given to candidates who obtain an average of 80 per cent. or over, in all the required examinations.

Besides the required and elective courses in the regular system of instruction, there have been established numerous optional lecture and laboratory courses which prepare for, or supplement, many of the required subjects.

Advanced Courses for Graduates in Medicine and Summer Courses of Instruction in Medicine are offered each year. Graduates in Medicine, if properly qualified for candidacy, may attain the degree of MASTER OF ARTS by one year of graduate study of approved subjects. This degree is administered by the Faculty of Arts and Sciences, and is subject to the requirements imposed by that Faculty.

The present building of the MEDICAL SCHOOL stands at the corner of Boylston and Exeter Streets, Boston. It was completed in 1883.

ADMINISTRATIVE BOARD.

WILLIAM LAMBERT RICHARDSON, M.D., DEAN, and *Professor of Obstetrics.*

JOHN COLLINS WARREN, M.D., LL.D., HON. F.R.C.S., *Professor of Surgery.*

EDWARD STICKNEY WOOD, M.D., *Professor of Chemistry.*

FREDERICK CHEEVER SHATTUCK, M.D., *Professor of Clinical Medicine.*

WILLIAM FISKE WHITNEY, M.D., *Curator of the Anatomical Museum.*

CHARLES MONTRAVILLE GREEN, M.D., SECRETARY, and *Assistant Professor of Obstetrics.*

CHARLES HARRINGTON, M.D., *Assistant Professor of Hygiene.*

FRANKLIN DEXTER, M.D., *Associate Professor of Anatomy.*

FRANK BURR MALLORY, M.D., *Associate Professor of Pathology.*

ADMISSION OF STUDENTS.

Candidates for admission must present a degree in Arts, Literature, Philosophy, or Science, from a recognized college or scientific school, with the exception of such persons, of suitable age and attainments, as may be admitted by a special vote of the Administrative Board in each case.*

All candidates, whether presenting a degree or not, are required to satisfy the Faculty that they have had a course in Theoretical and

* The exception above referred to applies only to men who have practically finished a required course for a degree, but for some good and sufficient reason, such, for instance, as wishing to graduate with their class, prefer waiting until a later period for graduation; or to men who, without such a degree, have acquired an equivalent education and training sufficient to enable them to profit by the instruction offered in the School.

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Descriptive (Inorganic) Chemistry and Qualitative Analysis sufficient to fit them to pursue the courses in Chemistry given at the Medical School;* or, failing in this, to pass an examination in General Chemistry and Qualitative Analysis. Students who are unable to fulfil either of these requirements may enter conditioned in Chemistry; but no student will be permitted to take part in any exercise of the third class, or to present himself for examination in the subjects of that class, until deficiencies in General Chemistry and Qualitative Analysis have been made up.

The admission examination in General Chemistry (at which time also the note-books in Qualitative Analysis must be handed in) is held at the Medical School, 688 Boylston Street, Boston, at 12 o'clock noon on the Thursday following the last Wednesday in June, and on the last Wednesday in September. The examination is conducted in writing. Specimen examination papers may be found in the Medical School Catalogues.

Applicants for admission to the Medical School who have studied three years in recognized colleges, or technical or scientific schools, in which courses in Human Anatomy, Physiology, Histology, and Physiological Chemistry are a part of the instruction, may be admitted to advanced standing, provided they pass an examination in these subjects, and possess the other requirements for admission.

A graduate of another medical school of recognized standing may obtain the degree of M.D. at this University, after a year's study in the undergraduate course, passing all examinations required in the full undergraduate course, and fulfilling all requirements for admission. These examinations may be taken only at the times set for the regular examinations in September, February (mid-year examinations), and June.

DIVISION OF STUDENTS.

Students are divided into four classes according to their time of study and proficiency. No student may advance with his class, or be admitted to advanced standing, until he has passed the required examinations in the studies of the previous year, or a majority of them; nor may he become a member of the third class, until he has passed all the examinations of the first, including the admission examination in Chemistry, and in addition a majority of those of the second year; nor of the fourth class, until he has passed all of the examinations of the first and second years, in addition to a majority of those of the third year.

No student will be permitted to continue his membership in the School, if at the beginning of his second year he has passed none of the first-year examinations.

* The Summer Course in General Chemistry and Qualitative Analysis given at the Medical School is adapted to students about to enter the Medical School.

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DIVISION OF STUDIES.

For the First Year.	For the Second Year.	For the Third Year.	For the Fourth Year.	Electives.
*Anatomy. 4	*Bacteriology. 1	Theory and Practice. 3	Clinical Medicine. 3	*Anatomy.* 2
*Histology. 1	*Pathology. 3	Pediatrics. 2	Clinical Surgery. 3	*Advanced Histology.* 2
Physiology. 3	Anatomy. 2	Surgery (written 2 hrs., practical 1 hr.) 3	*Orthopedics. 1	*Histology of the Nervous System.* 2
Physiological and Pathological Chemistry. 3	Clinical Chemistry. 2	Obstetrics. 3	*Syphilis. 1	*Embryology.* 2
	Materia Medica and Therapeutics. 2	Gynaecology. 1	*Ophthalmology. 1	*Physiology.* 2
	Theory and Practice.	Dermatology. 1	*Otology. 1	*Physiological Chemistry.* 2
	Clinical Medicine.	Neurology. 1	*Laryngology. 1	**Clinical Chemistry.* 1
	Surgery.	Psychiatry. 1	*Legal Medicine. 1	*Bacteriology.* 2
		Clinical Medicine.	Hygiene. 1	*Comparative Etiology of Infectious Diseases.* 1
		Clinical Surgery.	*Clinical Microscopy.*	**Clinical Microscopy.* 1
		Genito-urinary Surgery.	*Genito-urinary Surgery.*	*Operative Surgery.* 1
			Psychiatry.	†*Orthopedics.* 2
			Municipal Sanitation.	**Operative Obstetrics.* 1
				Gynaecology. 2
				Dermatology. 2
				Neurology. 2
				†*Ophthalmology* 2
				†*Otology.* 2
				Hygiene. 2

NOTE: — Subjects in which an examination is required are in roman letters. The number following the name of the examination indicates the length in hours of the examination. In the fourth year, electives must be chosen whose examinations shall aggregate three hours.
* Examination in February. † These electives count as one-hour electives.

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In order that the time of study shall count as a full year, students of all classes must present themselves within the first week of the School year and register their names with the Secretary.

Students who began their professional studies in other recognized Medical Schools may be admitted to advanced standing; but all persons who apply for admission to the advanced classes must furnish a satisfactory certificate of time spent in medical studies, must pass examinations in the branches already pursued by the class to which they seek admission, and fulfil all other requirements for admission.

Any student may obtain a certificate of his period of connection with the School.

COURSES OF INSTRUCTION.

NOTE. — The figures at the right of the page indicate as accurately as can be ascertained the number of hours of instruction which each student receives in the different courses.

Anatomy.

FIRST YEAR.

October.

Lectures. Professor DWIGHT. *Daily.* 24
Demonstrations and study of bones and joints. *Three hours daily.* 72

November and December.

Lectures. Professor DWIGHT. *Twice a week.* 16
Demonstrations. Professor DEXTER. *Four times a week to each section of the class.* 32
Practical anatomy with recitations. *Three hours a day, five times a week.* 120

January.

Lectures and demonstrations. Professor DWIGHT. *Every Saturday.* 4
Lectures. Professor DEXTER. *Daily.* 24
Demonstrations. Dr. WARREN. *Five times a week to each section of the class.* 20
Demonstrations and study of the brain and organs of sense. *Three hours a day, five times a week.* 60
Practical anatomy with recitations. *Three hours a day, five times a week.* 60

SECOND YEAR.

February and March.

Lectures. Professor DWIGHT. *Eight times a week, in sections.* 40

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FOURTH YEAR.

November.

Optional course in the anatomy of the genito-urinary system. Drs. YOUNG and WHITESIDE. 14

January, February, and March.

Elective course. Professor DEXTER. 90

Histology and Embryology.

FIRST YEAR.

October.

Lectures. Professor MINOT. *Six times a week.* 24
Laboratory work. Drs. EMERSON, DONOGHUE, LARRABEE, BREMER, and LEWIS. *Three hours, five times a week.* 60

November and December.

Lectures. Professor MINOT. *Twice a week.* 16
Laboratory work. *Four hours, four times a week; three hours, once a week.* 152

FOURTH YEAR ELECTIVES.

(*a*) Embryology. Professor MINOT and Dr. LEWIS. *Ten hours a week, second half-year.* 160
(*b*) Advanced Histology. Professor MINOT, and Drs. EMERSON and LEWIS. *Ten hours a week, second half-year.* 160
(*c*) Histology of the Nervous System. Professor MINOT, and Drs. BREMER and LEWIS. *Ten hours a week, second half-year.* 160

Physiology.

FIRST YEAR (SECOND HALF).

Laboratory experiments. Professor W. T. PORTER and Dr. CANNON. *Daily, except Saturday.* 180
Conference (75). Professor W. T. PORTER and Dr. CANNON. *Daily, except Saturday. First to fifteenth week, inclusive.* 33
Written tests (60). *Twenty minutes daily, except Monday and Saturday. First to fifteenth week, inclusive.* 25
Written tests (15). *One hour Mondays. First to fifteenth week, inclusive.* 15
Lectures, with demonstration (50). Professor W. T. PORTER and Dr. CANNON. *Daily, except Saturday. Sixth to fifteenth week, inclusive.* 25

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Special demonstrations (15). Professor W. T. PORTER and Dr. CANNON. *Saturdays. First to fifteenth week, inclusive.* 15

Recitations (15). Professor BOWDITCH. *Saturdays. First to fifteenth week, inclusive.* 15

Discussion of Theses (50). *Daily, except Friday. Sixth to fifteenth week, inclusive.* 40

Thesis. Written by each student from the original sources.

Reading of investigations. The reading of investigations and the discussion of these at the appropriate conference.

Special experimental work. Optional during the fifteenth and sixteenth weeks, for selected students.

FOURTH YEAR ELECTIVE.

Physiological Research. Professor W. T. PORTER. 160

Physiological and Pathological Chemistry.

FIRST YEAR.

Lectures and demonstrations. Professors WOOD and HILLS. *Half an hour daily during first eight weeks; one hour three times a week during second eight weeks.* 48

Laboratory exercises. Professors WOOD and HILLS, and Drs. HEWES, EMERSON, and ALSBERG. *Daily for three hours during first eight weeks; two hours a day three times a week, three hours twice a week, during second eight weeks.* 240

FOURTH YEAR ELECTIVE.

Laboratory work. Asst. Professor PFAFF. (M.G.H.) *Two half-days a week throughout the year.* 256

Clinical Chemistry.

SECOND YEAR.

Lectures, demonstrations, and conferences. Professor WOOD. *Four hours a week, second half-year.* 64

Laboratory exercises. Professor WOOD, and Drs. CONNOLLY, HEWES, and MUSGRAVE. *Eight hours a week, second half-year.* 128

FOURTH YEAR ELECTIVE (128 hrs.).

(*a*) Urine. Professor WOOD and Dr. EMERSON. *First half-year.*

(*b*) Medico-legal Chemistry. Professor WOOD and Dr. EMERSON. *First half-year.*

(*c*) Clinical Examination of the Blood and Gastric Contents. Professor WOOD and Dr. HEWES. *First half-year.*

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Bacteriology.

Second Year.

Lectures. Professor Ernst. *Daily, except Saturdays, during October and November.* 40

Laboratory work. Professor Ernst, and Drs. Page, Denny, Robey, Perry, Everett, and Frothingham. *Two to three hours daily during October and November.* 120

Fourth Year Elective.

Advanced Bacteriology. Professor Ernst, and Drs. Page, Denny, Robey, and Perry. Lectures and laboratory work during the second half-year. (This course is intended to encourage original work.) 172

Pathology.

Second Year.

Lectures or Conferences. Professor Councilman. *Daily for fourteen weeks, October, November, December, and January.* 84

Lectures. Professor T. Smith. *One hour daily, third and fourth weeks of January.* 12

Laboratory work. Professors Councilman and Mallory, and Drs. Wright, Magrath, Christian, and Williams. *Three hours daily during the forenoons of October, November, December, and the first two weeks of January.* 252

Demonstrations and laboratory work. Professor T. Smith. *Two hours daily, third and fourth weeks of January.* 24

Neuropathology. Dr. Taylor. *Afternoons in December.* 45

Surgical Pathology. Dr. Nichols. *Afternoons in January.* 60

Comparative Pathology.

Second Year.

Lectures. Professor T. Smith. (H.M.S.) *One hour daily, third and fourth weeks of January.* 12

Demonstrations and laboratory work. Professor T. Smith and Drs. Magrath, Christian, and Williams. *Two hours daily, third and fourth weeks of January.* 24

(This course forms part of the required work in Pathology.)

Fourth Year Elective.

Lectures. Professor Smith. (H.M.S.) *Twice a week, second half-year.* 32

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Materia Medica and Therapeutics.

Second Year.

Lectures. Asst. Professor Pfaff. *Four times a week, February to May inclusive.* 64

Voluntary laboratory work. Mr. Jordan and Dr. Vejux-Tyrode. *In sections, two hours a week during April and May.*

The Theory and Practice of Medicine.

Second Year.

Clinical lectures. Dr. Cutler. (M.G.H.) *Twice a week, second half-year.* 32

Exercises in sections. Drs. Stone, Joslin, White, and Badger. *Once a week, second half-year, for each student.* 16

Third Year.

Lectures on selected subjects. Professor Fitz. (H.M.S.) *Twice a week.* 64

Clinical lectures. Professor Fitz. (M.G.H.) *Twice a week.* 64

Clinical lectures. Dr. Cutler. (M.G.H.) *Twice a week, first half-year.* 32

Exercises in sections. Drs. Stone, Joslin, White, and Badger. *Twice a week, first half-year. Nine hours for each student.* 9

Clinical Medicine.

Second Year.

Clinics. Asst. Professor Sears (B.C.H.) and Dr. Vickery (M.G.H.). *Twice a week, second half-year.* 64

Physical Diagnosis. Drs. Cabot and J. M. Jackson (M.G.H.), Drs. Ames and Bartol (B.C.H.), and Dr. Prescott (B.D.). *Two exercises a week, second half-year, for each student.* 32

Third Year.

Clinics. Professor Shattuck. (M.G.H.) *Twice a week.* 64

Asst. Professor Sears. (B.C.H.) *Once a week throughout the year.* 32

Dr. H. Jackson. (B.C.H.) *Once a week, first half-year.* 16

Dr. Withington. (B.C.H.) *Once a week, second half-year.* 16

Medical visits. Drs. G. B. Shattuck, Withington, Williams, H. Jackson, and Sears. (B.C.H.) *Once a week.* 32

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FOURTH YEAR.

Clinics with special reference to therapeutics. Professor SHATTUCK. (M.G.H.) *Once a week.* 32

Practical Therapeutics. Asst. Professor SEARS. (B.C.H.) *Once a week, first half-year.* 16

Clinics. Dr. WITHINGTON. (B.C.H.) *Once a week, second half-year.* 16

Clinical conferences. (H.M.S.) *Once a week.* 32

Contagious diseases and practical diagnosis. (Optional course.) Dr. MCCOLLOM. (S.D.B.C.H.) *Two visits (one and one-half to two hours) for each student.* 3–4

Practical exercises in clinical diagnosis. Dr. R. C. CABOT. (M.G.H.) *Twice a week for two hours, second half-year.* 64

Dr. H. JACKSON. (B.C.H.) *Once a week, second half-year.* 32

Pediatrics.

THIRD YEAR.

Lectures. Professor ROTCH. (H.M.S. or North Grove St.) *Three times a week in October.*

Once a week, November to March inclusive. 34

Clinical lectures. Professor ROTCH. (Ch.H.) *Once a week, November to April inclusive.* 23

Recitations and Case Teaching. Dr. MORSE. (H.M.S.) *Once a week in March, twice a week in April, three times a week in May.* 24

Sectional Teaching.

Dr. MCCOLLOM. (S.D.B.C.H.) *Three times a week, first half-year.*

Dr. BUCKINGHAM. (Ch.H.) *Twice a week in October; three times a week from November to February inclusive; twice a week from March to May 15th.*

Dr. MORSE. (North Grove St. and I.H.) *Three times a week from November to February inclusive; twice a week from March to May 15th.*

Dr. CRAGIN. (Ch.H.) *Twice a week in October; three times a week from November to February inclusive; twice a week from March to May 15th.*

Dr. LADD. (Ch.H.) *Twice a week in October; once a week from November to April inclusive.* (I.H.) *Twice a week from November to February inclusive.*

Every student receives a minimum of six hours' instruction in contagious diseases, and of eighteen hours in his other sectional teaching. 24

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Clinical Microscopy.

FOURTH YEAR. ELECTIVE.

Laboratory exercises. Dr. WHITNEY. (H.M.S.) *One hour, three times a week, first half-year.* 48

OPTIONAL COURSE.

Laboratory exercises. Dr. WHITNEY. (H.M.S.) *One hour, three times a week, second half-year.* 48

Surgery.

SECOND YEAR.

Laboratory course in Surgical Pathology. Dr. NICHOLS. (H.M.S.) *Twenty two-hour exercises during January.* (See Pathology.) 40

Clinical lectures in connection with the above course. Asst. Professor BURRELL. (B.C.H.) *Twelve exercises during January.* 12

Recitations and demonstrations in Surgical Pathology. Dr. C. A. PORTER. (H.M.S. and M.G.H.) *Thirty-two exercises, second half-year.* 32

Laboratory course in Surgical Technique. Dr. LOTHROP. *Six lectures to the entire class.* 6

Twelve two-hour exercises for each student during second half of second year. 24

THIRD YEAR.

Lectures and recitations. Professor WARREN and Asst. Professor BURRELL. (H.M.S.) *Twice a week.* 64

Clinical demonstrations in connection with above lectures. Professor WARREN. (M.G.H.) *Once a week.* 32

Genito-Urinary Surgery.

OPTIONAL COURSE.

Lectures. Dr. THORNDIKE. (H.M.S.) *Twice a week for eight exercises in October.* 8

Section teaching in connection with above lectures at Boston Dispensary. *Each student attends one hour a day for six days.* 6

FOURTH YEAR. OPTIONAL COURSE.

Clinical lectures. Dr. THORNDIKE. (B.C.H.) *Once a week, first half-year.* 16

Dr. WATSON. (B.C.H.) *Once a week, second half-year.* 16

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Clinical Surgery.

Third Year.

Clinical Surgery Conference. Professor C. B. Porter. (M.G.H.) *Once a week, October to April inclusive.* 28

Clinical lectures. Dr. Gay. (B.C.H.) *Once a week during October and November.* 8

Asst. Professor Burrell. (B.C.H.) *Once a week, December to May inclusive.* 24

Surgical Visits. *In sections of one third of the class, once a week throughout the year, at each hospital, as follows: —*

Professors C. B. Porter and Warren, and Dr. Beach. (M.G.H.) *Once a week, first half-year.* 16

Professor M. H. Richardson and Dr. Elliot. (M.G.H.) *Once a week, second half-year.* 16

Asst. Professor Burrell, and Drs. Monks, Munro, Thorndike, Nichols, J. B. Blake, Lund, and Bottomley. *Once a week throughout the year.* 32

Clinical exercises in Out-Patient Departments. Drs. Scudder, Mumford, Nichols, Blake, Bottomley, Balch, Brewster, and Codman. *In small sections, daily, throughout the year. Each student attends one hour a day for three weeks at each hospital.* 36

Fourth Year.

Clinical lectures. *Twice a week throughout the year, as follows: —*

Professor C. B. Porter. (M.G.H.) *Once a week, first half-year.* 16

Professor M. H. Richardson. (M.G.H.) *Once a week, second half-year.* 16

Dr. Monks. (B.C.H.) *Once a week, for two hours, October and November.* 16

Asst. Professor Burrell. (B.C.H.) *Once a week, for two hours, December to May inclusive.* 48

Diagnosis in Clinical Surgery. Professor C. B. Porter. (M.G.H.) *Once a week throughout the year.* 32

Surgical emergency cases. (Voluntary.) (M.G.H.) *Every student attends two hours each evening for one week.* 12

Surgical landmarks. Dr. Monks. (H.M.S.) *Twice a week during October.* 8

Regional Surgery. Professor M. H. Richardson. (H.M.S.) *Twice a week in October, once a week in November, December, and January.* 20

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Clinical exercises in surgical wards. Drs. MUNRO, SCUDDER, THORNDIKE, MUMFORD, LOTHROP, LUND, C. A. PORTER, COBB, BOTTOMLEY, and GREENOUGH.

ELECTIVE.

Operative surgery. Professor C. B. PORTER. (H.M.S.) *Twice a week after January first.* 16

Repetition of the course by the students under the direction of Professor C. B. PORTER, and Drs. MONKS, MIXTER, MUNRO, SCUDDER, MUMFORD, BLAKE, LOTHROP, BALCH, LUND, C. A. PORTER, BOTTOMLEY, BREWSTER, COBB, FAULKNER, CODMAN, CABOT, and GOULD. (H.M.S.) *Fifteen hours.* 15

Orthopedic Surgery.

FOURTH YEAR.

Lectures. Asst. Professor BRADFORD. (H.M.S. and Ch.H.) *Once a week, first half-year.* 16

Clinical exercises. Asst. Professor BRADFORD, and Drs. LOVETT, BRACKETT, GOLDTHWAIT, and DANE. (Ch.H.) *In sections, twice a week, first half-year. Three exercises for each student.* 3

ELECTIVE.

Clinical exercises. Asst. Professor BRADFORD. (Ch.H.) *Twice a week, second half-year.* 32

Also in sections four times a week, second half-year. (Every student measures for apparatus twice, and assists at operations two or three times.) 8

Obstetrics.

THIRD YEAR.

Lectures on the theory and practice of obstetrics. Professor W. L. RICHARDSON. (H.M.S.) *Twice a week.* 64

Recitations. Dr. HIGGINS. (H.M.S.) *Once a week.* 32

Conferences. Professor W. L. RICHARDSON, Asst. Professor C. M. GREEN, and Drs. HIGGINS, NEWELL, SWAIN, and FRIEDMAN. (H.M.S.) *Once a week.* 32

Clinical obstetrics. Professor W. L. RICHARDSON and Asst. Professor C. M. GREEN. (B.L.H.) *In sections, twice a week for five months. Every student receives four hours of instruction.* 4

Practical instruction in clinical obstetrics. Drs. HIGGINS, NEWELL, SWAIN, and FRIEDMAN. *Throughout the year, i. e., every student must receive instruction on one of the six cases of labor which he attends, and may call for instruction in the other five cases if he desires.*

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ELECTIVE.

Operative obstetrics. Asst. Professor C. M. GREEN. (H.M.S.) *Twelve practical exercises, November, December, and January.* 12

Repetition of the same exercises by the students under the supervision of Drs. HIGGINS, NEWELL, SWAIN, and FRIEDMAN. *Three two-hour exercises for each student.* 6

Gynaecology.

THIRD YEAR.

Lectures or recitations. Asst. Professor DAVENPORT. (H.M.S.) *Twice a week, first half-year.* 32

Clinical exercises. Drs. HAVEN and STORER (B.D.), Drs. NEWELL and YOUNG (B.C.H.). *In sections, six times a week till January, then three times a week. Every student receives six hours of instruction.* 6

FOURTH YEAR ELECTIVE.

Clinical and operative exercises. Asst. Professor C. M. GREEN. (B.C.H.) *Twice a week throughout the year.* 64

Clinical conferences. Asst. Professor C. M. GREEN. (H.M.S.) *Once a week, second half-year.* 16

Dermatology.

THIRD YEAR.

Lectures on diseases of the skin. Asst. Professor BOWEN. (H.M.S.) *Once a week.* 32

Clinical dermatology. Asst. Professor BOWEN. (M.G.H.) *Once a week.* 32

FOURTH YEAR ELECTIVE.

Clinical dermatology. Dr. WHITE. (M.G.H.) *Twice a week.* 64

Laboratory instruction in pathological histology and parasitism. Asst. Professor BOWEN and Dr. WHITE. (*An optional course open to those who elect Clinical Dermatology.*) *Eight exercises of two hours each, during second half-year.* 16

Syphilis.

FOURTH YEAR.

Didactic and clinical lectures. Dr. POST. (B.D.) *Once a week, first half-year.* 16

Clinical exercises. Drs. POST and SMITH. (B.D.) *In sections, three times a week, first half-year. Each student attends six two-hour exercises.* 12

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Neurology.

Second Year.

Pathology of the nervous system. Dr. Taylor. (H.M.S.) *Fifteen exercises during December.* (See Pathology.) 45

Third Year.

Clinical exercises. Professor Putnam. (M.G.H.) *Once a week, first half-year; twice a week, second half-year.* 48

Fourth Year Elective.

Clinical exercises. Professor Putnam. (M.G.H.) *Once a week, first half-year.* 16

Dr. Walton. (M.G.H.) *Twice a week, first half-year.* 32

Dr. Knapp. (B.C.H.) *Twice a week, second half-year.* 32

Psychiatry.

Third Year.

Lectures. Dr. Cowles. (H.M.S.) *Once a week, second half-year.* 16

Fourth Year. Optional Course.

Clinical instruction. Dr. Cowles. (McL.H.) *Once a week during February, March, and April.* 12

Dr. Lane. (B.I.H.). *Once a week during February, March, and April.* 12

Ophthalmology.

Fourth Year.

Lectures. Professor Wadsworth. (H.M.S.) *Twice a week, in October and November.* 16

Clinical exercises. Professor Wadsworth, and Drs. Standish, Jack, Quackenboss, Clap, and Spalding. (E. and E.I.) *In sections, eight hours a week, first half-year. Every student receives fourteen hours of instruction.* 14

Elective.

Clinical exercises. Professor Wadsworth. (E. and E.I.) *Two two-hour exercises a week, second half-year.* 64

Otology.

Fourth Year.

Lectures. Professor C. J. Blake. (H.M.S.) *Twice a week during October.* 8

Professor J. O. Green. (H.M.S.) *Five times in November.* 5

Professor C. J. Blake or Professor J. O. Green. (H.M.S.) *Twice a week during December.* 8

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Clinical exercises. Professors C. J. BLAKE and J. O. GREEN. (E. and E.I.) *In sections, two hours, three times a week, first half-year. Every student attends four or five exercises.* 8–10

Anatomy of the ear. Dr. HAMMOND. (H.M.S.) *Two recitations a week during October. One exercise for each student.* 1

ELECTIVE.

Clinical exercises. Professors C. J. BLAKE and J. O. GREEN, and Drs. CROCKETT and HAMMOND. (E. and E.I.) *Three two-hour exercises a week, second half-year.* 96

Laryngology and Rhinology.

FOURTH YEAR.

Lectures. Dr. COOLIDGE. (H.M.S.) *Once a week, first half-year.* 16

Clinical exercises. Drs. COOLIDGE (B.C.H.), FARLOW (B.D.), and COOLIDGE (M.G.H.). *In sections, first half-year. Twelve exercises for each student.* 12

Legal Medicine.

FOURTH YEAR.

Lectures and medico-legal demonstrations. Professor DRAPER. (H.M.S. and B.C.H.) *Three times a week, first half-year.* 48

Hygiene.

FOURTH YEAR.

Lectures and demonstrations. Asst. Professor HARRINGTON. (H.M.S.) *Three times a week, second half-year.* 48

ELECTIVE.

Laboratory course for specially qualified students. Asst. Professor HARRINGTON and Dr. WALKER. (H.M.S.) *Three hours, three times a week, second half-year.* 144

Municipal Sanitation.

FOURTH YEAR. OPTIONAL COURSE.

Lectures. Dr. DURGIN. (H.M.S.) *Twice a week, February and March.* 16

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METHODS OF INSTRUCTION.

A detailed account of the methods of instruction employed in the different subjects of study and a list of works recommended as text-books and for collateral reading and consultation will be found in the special pamphlet issued by the Medical School, which can be obtained on application to the Dean of the Medical School, Boston, or at the Publication Office, No. 2 University Hall, Cambridge.

COURSES OF STUDY FOR GRADUATES.

The Faculty has arranged for graduates of recognized medical schools an improved plan of instruction embracing nearly all the branches of practical and scientific medicine. It is designed to supply good opportunities for clinical and laboratory study.

A list of courses offered for graduates will be found on pages 590–592.

The laboratories of the School are well equipped for practical work, and the clinical advantages afforded by the hospitals of Boston furnish abundant material for all purposes of instruction. The following are the principal institutions: —

Massachusetts General Hospital,
Boston City Hospital,
Boston Dispensary,
Massachusetts Eye and Ear Infirmary,
Boston Lying-in Hospital,
Infants' Hospital,
Children's Hospital,
McLean Hospital (for the Insane),
Carney Hospital.

Instructors in the Medical School are members of the medical and surgical staffs of these institutions, to all of which students are admitted under their immediate supervision.

Instruction in the graduate courses is, with but few exceptions, entirely distinct from that of the undergraduate department of the School; but students of the former are admitted also to all the regular lectures (not clinical) of the latter, without extra charge, during their connection with the School.

Instruction is conducted in small classes and under the personal direction of the heads of departments.

Instruction is given throughout the academic year, October to June.

A certificate of attendance will be furnished when desired.

The fees for the separate courses in the several departments vary from $5 to $125.

An extra fee is required for the use of material in laboratory, dissecting, and operative courses.

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The following are the Courses provided in the Graduate Department for 1902–03.

Subject.	Instructor.	Place.	Time.	Fee.
1. Anatomy of the Joints	Dr. Dwight	Medical School	Special *	$25.
2. Dissection Courses	Dr. J. Warren	Medical School	After Nov. 1	20.
3. Special Anatom. Instruction	Dr. Dwight	Medical School	Special *	Special.*
4. Histology and Microscopy	Dr. F. T. Lewis	Medical School	Feb.	25.
5. Elem. Human Embryology	Drs. Bremer and Woods	Medical School	Feb.—June	25.
6. Advanced Embryology	Drs. Minot, Bremer, Lewis	Medical School	Feb.—June	75.
† 7. Physiology	Dr. W. T. Porter	Medical School	Special *	Special.*
† 8. Toxicology and Medico-Legal Examination of Blood	Dr. Wood	Medical School	Oct.—Jan.	30.
† 9. Clinical Examination of Urine	Drs. Wood and Emerson	Medical School	Oct.—Jan.	30.
†10. Clinical Haematology and Examination of Gastric Contents	Dr. Hewes	Medical School	Oct.—Jan.	30.
†11. Physiological Chemistry	Dr. Pfaff	Medical School	Special *	Special.*
12. Path. and Phys. Chemistry	Dr. Emerson	Med. Sch. or Boston City H.	Special *	Special.*
†13. Bacteriology	Dr. Ernst	Medical School	Special *	25.
14. Practical Pathology	Dr. Councilman	Medical School	Special *	30–50.
15. Pathological Histology	Dr. Councilman	Medical School	Special *	30.
16. Pathological Anatomy	Dr. Magrath	Medical School	Special *	25.
17. Neuropathology	Dr. Taylor	Medical School	Special *	25.
18. Advanced Neuropathology	Dr. Taylor	Medical School	Special *	75–125.
19. Surgical Pathology	Dr. Nichols	Medical School	April	25.
20. Diagnosis of New Growths	Dr. Whitney	Mass. General Hospital	Special *	15.
†21. Comparative Pathology	Dr. Smith	Bussey Institution	Oct.—June	Special.*
22. Clinical Medicine	Dr. Vickery	Mass. General Hospital	Oct.	15.
†23. Clinical Diagnosis	Dr. J. M. Jackson	Mass. General Hospital	Nov.—Feb.	15.
†24. Infectious Diseases	Dr. McCollom	Boston City Hospital	Oct., Nov.	25.
†25. Intubation	Dr. McCollom	Boston City Hospital	Special *	25.
26. Sputum Analysis	Dr. W. H. Smith	Mass. General Hospital	Nov., Dec., Jan.	15.
27. Clinical Medicine	Dr. Joslin	Boston City Hospital	Apr.—May	25.
28. Surgical Research			Special	Special.*
29. Special Surgical Work			Special	Special.*
30. Minor Surgery	Dr. Lund	Boston City Hospital	April—May	20.
†31. Minor Surgery	Dr. J. B. Blake	Boston City Hospital	Nov.—May	20.
32. Clinical and Operative Surgery	Drs. Warren, Porter, Beach	Mass. General Hospital	Oct.—Feb.	30.
33. Clinical Surgery	Dr. M. H. Richardson	Mass. General Hospital	Feb., May	
34. Clinical Surgery	Dr. Mumford	Mass. General Hospital	Feb, March, April, May	25.

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35. Minor Surgery	Dr. Mumford	Mass. General Hospital	Oct.—Jan.	25.
36. Clinical, Operative, Genito-urinary, Pathological and Minor Surgery	Drs. Monks and Thorndike	Boston City Hospital	Oct., Nov., Jan., Feb.	25.
37. Clinical and Operative Surgery	Drs. Munro and Lund	Boston City Hospital	Oct., Nov.	25.
38. Genito-Urinary Surgery	Dr. Thorndike	Boston City Hospital	Oct.—Nov.	25.
39. Fractures	Dr. Scudder	Mass. General Hospital	Oct., Nov.	20.
40. Surgical Diagnosis	Dr. Scudder	Mass. General Hospital	Nov.—Dec.	20.
41. Genito-Urinary Surgery	Dr. Scudder	Mass. General Hospital	Jan.—Feb.	20.
42. After Treatment	Dr. Scudder	Mass. General Hospital	Feb., March	20.
43. Genito-Urinary Surgery	Dr. Watson	Boston City Hospital	April—May	20.
44. Surgical Diagnosis	Dr. C. A. Porter	Mass. General Hospital	Oct.—Jan.	15.
45. Minor Surgery	Dr. Balch	Mass. General Hospital	Feb., March	20.
46. Minor Surgery	Dr. Balch	Mass. General Hospital	April, May	20.
47. Clinical and Operative Surgery	Dr. Cobb	Mass. General Hospital	Oct.—Nov.	30.
†48. Orthopedic Surgery	Dr. Bradford	Children's Hospital	Nov.	10.
49. Clinical Obstetrics	Dr. W. L. Richardson	Boston Lying-in Hospital	Nov.—Jan., May—June	25.
50. Clinical Obstetrics	Dr. C. M. Green	Boston Lying-in Hospital	Feb., March, April	25.
51. Clinical Obstetrics	Dr. Higgins	Boston Lying-in Hospital	Oct.	25.
52. Clinical Obstetrics	Drs. Newell, Swain, and Friedman	Boston Lying-in Hospital	Oct. — May.	25.
53. Operative Obstetrics	Dr. C. M. Green	Medical School	Special*	25.
54. Operative Obstetrics	Dr. Higgins	Medical School	Special	25.
55. Gynaecology	Dr. Haven	Boston City Hospital	Jan., Feb., March	25.
56. Gynaecology	Dr. C. M. Green	Boston City Hospital	Oct., Nov., Dec.	25.
†57. Gynaecology	Dr. Storer	Carney Hospital	Oct.,Nov.,Dec.,Apr.,May,	25.
†58. Gynaecology	Dr. Storer	Boston Dispensary	Jan., Feb., March [June	25.
59. Gynaecology	Dr. Storer	St. Elizabeth's Hospital	April, May, June	25.
60. Operative Gynaecology	Dr. Davenport	Medical School	Special*	25.
†61. Pediatrics	Dr. Craigin	Children's Hospital	Oct., Nov.	20.
†62. Pediatrics	Dr. Craigin	Children's Hospital	Nov., Dec.	20.
†63. Pediatrics	Dr. Buckingham	Children's Hospital	Jan., Feb.	20.
‡64. Pediatrics	Dr. Morse	Infants' Hospital	April, May	20.
‡65. Pediatrics	Dr. Morse	Infants' Hospital	March, April	20.
66. Dermatology	Dr. Bowen	Mass. General Hospital	Oct.—June.	25.
67. Syphilis	Dr. Post	Boston Dispensary	April, May, June	25.
†68. Advanced Neurology	Dr. Putnam	Mass. General Hospital	Special*	Special.*
†69. Neurology	Dr. Knapp	Boston City Hospital	Feb., March	20.
†70. Neurology	Dr. Knapp	Boston City Hospital	April, May	20.
71. Neurology	Dr. Walton	Mass. General Hospital	March—April	20.

* To be arranged with instructor. † Women admitted. ‡ Women admitted conditionally.

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Subject.	Instructor.	Place.	Time.	Fee.
†72. Psychiatry	Dr. Cowles	McLean Hospital	Special*	$25.
†73. Otology	Dr. Crockett	Eye and Ear Infirmary	Feb.—April	25.
†74. Otology	Dr. Hammond	Eye and Ear Infirmary	Nov.—Jan.	25.
†75. Anatomy of the Ear	Dr. Hammond	Medical School	Special*	25.
†76. Clinical Ophthalmology	Dr. Wadsworth	Eye and Ear Infirmary	Feb., March	25.
†77. Ophthalmology	Dr. Standish	Eye and Ear Infirmary	April	25.
78. Ophthalmology	Dr. Quackenboss	Eye and Ear Infirmary	Oct.—Nov.	20.
†79. Ophthalmology	Dr. Jack	Eye and Ear Infirmary	Oct.—Nov.	20.
†80. Rhinology and Laryngology	Dr. DeBlois	Boston City Hospital	Jan., Feb., March	20.
†81. Rhinology and Laryngology	Dr. Farlow	Boston City Hospital	April, May	20.
†82. Rhinology and Laryngology	Dr. Coolidge	Mass. General Hospital	Feb., March	20.
†83. Hygiene	Dr. Harrington	Medical School	Special*	35.
84. Disinfection	Dr. Harrington	Medical School	Special*	20.
85. Analysis of water, food, etc.	Dr. Harrington	Medical School	Special*	20.
86. Pharmacology	Drs. Pfaff and Vejux-Tyrode	Medical School	Special*	Special.*

* To be arranged with instructor. † Women admitted. ‡ Women admitted conditionally.

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Graduates seeking admission to any of the graduate courses must first register their names at the Dean's office at the Medical School, where all fees are payable, and obtain a receipt to be shown at the first exercise.

For further information and full description of the courses and lectures for graduates, address Dr. WILLIAM L. RICHARDSON, *Dean*, Harvard Medical School, 688 Boylston Street, Boston, Mass.

SUMMER COURSES OF INSTRUCTION.

During the summer of 1903, courses in many branches of practical and scientific medicine will be given by teachers in the School. These courses will be clinical in character and will be given at the Hospitals and Dispensaries by the physicians and surgeons on duty. Practical instruction will also be given in several of the Laboratories of the School by the instructors in charge. These courses are open only to graduate and undergraduate students of medical schools recognized by the Faculty of Medicine, and to such others as the Dean of the Faculty approves.

A list of the Summer Courses will be announced early in the Spring. For further information address Dr. WILLIAM L. RICHARDSON, *Dean*, Harvard Medical School, 688 Boylston Street, Boston, Mass.

CLINICAL ADVANTAGES.

The Medical Department of the University is established in Boston, in order to secure for Anatomy, Pathology, and the various Clinical Subjects those advantages which are found only in large cities.

There are Hospital visits or operations daily.

The Massachusetts General Hospital. — During the past year, more than five thousand patients were treated in the wards, and over thirty thousand in the out-patient departments. Patients are received from all parts of the United States and the Provinces, and are visited by the students, with the attending physicians and surgeons, on four days in the week. Operations are numerous, and are performed in the amphitheatre, which is provided with seats for 400 persons. Clinics in the following special branches have been established in connection with the out-patient department: Dermatology, Laryngology, Diseases of the Nervous System, and Ophthalmology. The Dalton scholarship of $500 is open to the house pupils.

The Boston City Hospital. — During the past year, about nine thousand cases were treated in its wards, and twenty-two thousand in its various out-patient departments. The medical wards always contain many cases of acute diseases, and changes are taking place constantly. The oppor-

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tunities for seeing fractures, injuries, and traumatic cases of all kinds are excellent, since, on a average, eight hundred street accidents are treated yearly. Surgical operations are performed in the amphitheatre. There are special services for diseases of women, of the eye, the ear, the skin, and the nose and throat. Diseases of women and of the nervous system are also largely treated in the out-patient department. Clinical instruction is given by the physicians and surgeons two or more times a week.

In these two hospitals, the facilities for witnessing Operative Surgery are unsurpassed. Twice a week operations are performed in the presence of the class. The number of these operations is large, reaching nearly two thousand a year. The variety is great, embracing every surgical disease and injury, including the surgical operations on the eye and ear.

The Boston Lying-in Hospital. — More than six hundred patients were confined during the last year in the Hospital. In the out-patient department, over sixteen hundred cases were attended by the hospital Externes, who are appointed from the third and fourth year students. Clinical instruction is given in these cases by the physicians to out-patients and by the house physicians.

The Boston Dispensary. — More than forty thousand patients were treated at this public charity during the past year. A new building has lately been erected at a cost of $50,000, where students have ample and excellent opportunity for seeing practical work in the diagnosis and treatment of cases illustrating the various branches of Medicine and Surgery.

The Infants' Hospital. — The wards of the Hospital are devoted entirely to children under two years of age. About three thousand children of all ages are treated annually in the out-patient department. The material of the Hospital is used throughout the year for teaching both students and graduates.

Children's Hospital. — During the past year more than seven hundred cases were treated in the wards and about seventy-six hundred in the out-patient departments. Instruction in orthopedic surgery and in the general diseases of children is given by members of the hospital staff.

The Massachusetts Charitable Eye and Ear Infirmary. — Over twenty thousand patients were treated at this institution during the past year. These cases present every variety of disease of the ear and eye, and supply a large number of operations. A new and enlarged hospital, considered to be one of the best of its kind in the world, has been erected on land adjoining the Massachusetts General Hospital. It is believed that this building will provide adequately for the proper treatment of the constantly increasing number of patients.

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Long Island Hospital, Boston Harbor. — This Hospital is designed particularly for the treatment of chronic diseases. It has two hundred and fifty beds, with an average daily number of patients of about two hundred and thirty. It has marked advantages for the study of syphilis, tuberculosis, diseases of the nervous system, and chronic diseases of the heart and of the kidneys. The number of autopsies is annually about 50 per cent. of the deaths, a fact which affords an unusual opportunity for the study of pathological anatomy. The material in the Hospital is used for clinical instruction by the members of the Visiting Staff.

Students are also permitted to visit the Free Hospital for Women and the Carney Hospital on application to the physicians on duty.

There are more than sixty appointments annually for Internes in the various hospitals, and nearly as many more for Assistants in the out-patient departments. Appointments for the Massachusetts General and Boston City Hospitals are for terms of one to two years (according to the service chosen); for the Boston Lying-in Hospital for six months; and for the Free Hospital for Women for nine months.

LIBRARIES.

Medical School students who are engaged in research work have access to the special libraries of the various departments on application to the persons in charge.

The Boston Medical Library has nearly 35,000 volumes, about half of which are periodicals, and 30,000 pamphlets. Nearly 500 current journals and transactions are on file. There is a good reference library of modern books, including encyclopaedias, systems, etc. The Library is open daily except Sundays and holidays, from 9 A.M. to 6 P.M. It is also open Tuesday and Friday evenings from 7 to 10, except during July and August. It has always been free to medical students.

The College Library at Cambridge is open to the students of this School.

The Boston Public Library, which contains a large collection of medical books, is open to students who are inhabitants of Boston. Students, not inhabitants of Boston, who have filed a bond at the Bursar's office, or deposited with the Bursar the sum of fifty dollars, may also use this library. The Bursar will furnish on application the necessary certificate of bond or deposit.

WARREN ANATOMICAL MUSEUM.

The Warren Anatomical Museum was founded in 1847 by JOHN COLLINS WARREN, of the College Class of 1797, Adjunct Professor of Anatomy and Surgery from 1809 to 1815, Hersey Professor of Anatomy and Surgery from 1815 to 1847, Professor *Emeritus* from 1847 to his death in

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1856, son to JOHN WARREN, the first Hersey Professor of Anatomy and Surgery. This important Museum is open to students in the School, and its collections are used in demonstration of the lectures. Its Curator is DR. WILLIAM FISKE WHITNEY.

The collection has about nine thousand specimens, illustrating both normal and pathological anatomy and materia medica. These are placed in the hands of the student at any time during the day, upon application to the Curator.

Besides dissections and serial sections of many bones, the anatomical collection includes many corrosive preparations, plaster and papier maché models of bones, organs, and various parts of the body, and frozen sections.

The pathological collection is being constantly enlarged by the addition of numerous specimens, preserved in their natural colors by Kaiserling's method.

EXAMINATIONS.

The final examination in every required subject is held at the close of either the first or of the second term of the school year. The examination, therefore, in every subject occurs once a year, but an opportunity to make up failures in examinations is offered at the opening of the school year. The examination in certain studies of the first and fourth years is held at *mid-year* only, and is for those who are members of the School at the time, and for those entitled to apply for the degree, provided they have previously failed in those subjects. The *June examination* is for those only who are members of the School at the time and for those entitled to apply for the degree. The *September examination* is for those only who have been examined previously and have failed in the subject of the examination, or for applicants for advanced standing. In some subjects a portion of the examination consists of practical work in the laboratory.

The exercises of the first, second, and fourth years are omitted during the week of the mid-year examinations.

The amount of time allowed for each examination is as follows: —

First Year. — Anatomy* (4 hrs.), Histology* (1 hr.), Physiology (3 hrs.), Physiological and Pathological Chemistry (3 hrs.).

Second Year. — Bacteriology* (1 hr.), Pathology* (2 hrs. written, 1 hr. practical), Anatomy (2 hrs.), Clinical Chemistry (2 hrs.), Materia Medica and Therapeutics (2 hrs.).

Third Year. — Theory and Practice (3 hrs.), Pediatrics (2 hrs.), Surgery (2 hrs. written, 1 hr. practical), Obstetrics (3 hrs.), Gynaecology (1 hr.), Dermatology (1 hr.), Neurology (1 hr.), Psychiatry (1 hr.).

* The examinations in these subjects are held at the end of the first half-year.

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Fourth Year. — Clinical Medicine (3 hrs.), Clinical Surgery (3 hrs.), Orthopedics* (1 hr.), Syphilis* (1 hr.), Ophthalmology*† (1 hr.), Otology* (1 hr.), Laryngology * (1 hr.), Legal Medicine * (1 hr.), Hygiene (1 hr.).

Electives. — Anatomy (2 hrs.), Advanced Histology (2 hrs.), Histology of the Nervous System (2 hrs.), Embryology (2 hrs.), Physiology (2 hrs.), Physiological Chemistry (2 hrs.), Clinical Chemistry (1 hr.), Bacteriology (2 hrs.), Comparative Etiology of Infectious Diseases (1 hr.), Clinical Microscopy (1 hr.), Operative Surgery (1 hr.), Orthopedics (2 hrs.), Operative Obstetrics * (1 hr.), Gynaecology (2 hrs.), Dermatology (2 hrs.), Neurology (2 hrs.), Ophthalmology (practical, 1 hr., written, 1 hr.), Otology (2 hrs.), Hygiene (2 hrs.).

In addition to the above examinations every student is required: — To dissect the three parts of the body to the satisfaction of the demonstrator; to present a satisfactory report of the analysis of a specimen of urine, and of the clinical examination of a specimen of blood; to examine and report on a case of fracture, and on two other clinical cases in Surgery, and to receive practical instruction in anaesthesia; to work in medical out-patient departments during a period not exceeding four weeks, and to make a full written report on one or more medical cases; to receive instruction in sections in selected subjects in minor surgery for one hour a day for six weeks in surgical out-patient departments, and in major surgery for three hours each week for six weeks in the wards of a hospital; to take charge of and report on six cases in Obstetrics, and to receive instruction on at least one of them; to furnish satisfactory evidence of having engaged in the practical exercises in Theory and Practice; to report a clinical case in each of the electives, Orthopedic Surgery, and Ophthalmology, if elected.

In the fourth year, three hours of examination in electives are obligatory. *The choice of electives must be made within the first two weeks of the School year, and must be given to the Secretary in writing on blanks furnished at the Dean's office.*

The general elective courses are open to all members of the fourth class who elect them with the intention of taking the examination.

The examinations in the required courses in Orthopedic Surgery, Ophthalmology, and Otology cannot be taken by those who choose electives in these subjects. Instead, there is a two-hour examination in the elective, of which one hour is considered equivalent to the examination in the required course, and the other counts as a one-hour elective. The examination in elective Ophthalmology will be clinical, and include a written report of a case.

* The examinations in these subjects are held at the end of the first half-year.

† In addition to the written examination in Ophthalmology, there will be a practical examination which will count as forty per cent. of the total.

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Candidates for the degree who shall have served satisfactorily as Internes in the Massachusetts General Hospital, Boston City Hospital, Carney Hospital, Children's Hospital, and State Almshouse Hospital, for a period of not less than one year, may be exempt from examination in the electives of the fourth year.

No student is allowed to anticipate the examinations in the regular course of studies of his year, except by special permission of the Faculty, nor shall an undergraduate in medicine be allowed to take the examination in Advanced (2d yr.) Anatomy until he shall have passed the examination in Elementary (1st yr.) Anatomy.

After two failures to pass in any subject, a charge of three dollars is made for each subsequent examination in that subject.

DEGREES.

Degree of Doctor of Medicine.

Every candidate for the degree of DOCTOR OF MEDICINE at this University must be at least twenty-one years of age, and of good moral character. He must fulfil all the requirements for admission to this Medical School; must give evidence of having studied in a recognized Medical School at least four full years, of which one year must be spent at this School; must pass all the required examinations, and fulfil satisfactorily the special requirements enumerated on page 597.

The degree of Doctor of Medicine will be given to those candidates who fulfil the above requirements. The degree of Doctor of Medicine *cum laude* will be given to candidates who have obtained an average of eighty per cent. or over in all the required examinations.

Candidates for the degree must make application for it in writing, on blanks furnished at the Dean's office, on or before *May 31* of the year in which they propose to graduate.

Candidates for the degree of Doctor of Medicine are not required to present a thesis; but they may present a voluntary thesis which, if of conspicuous merit, may receive honorable mention; if the thesis is also of a suitable character, it may be read at the Commencement exercises. Theses must be completed and delivered to the Dean on or before *the first day of June*.

A graduate of another Medical School of recognized standing may obtain the degree of Doctor of Medicine at this University by fulfilling all the requirements for undergraduates above mentioned, but he may take the examination in any subject only at the times when regularly it is held, that is, in September, at the mid-year, or in June.

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Degree of Master of Arts.

The degree of MASTER OF ARTS is open to graduates of the Harvard Medical School who are also Bachelors of Arts of Harvard College, and to Bachelors of Arts of other Colleges who shall be recommended by the Faculty of Arts and Sciences of Harvard College. Candidates must pursue an approved course of study in Medicine for at least one year after taking the degree of Doctor of Medicine. Applications for approval of course of study offered for this degree must be made to the Administrative Board of the Graduate School on or before the *thirtieth day of April*. It is advisable to apply to the Board *early in the year*. See pages 473 and 474 for the conditions of candidacy for the degree of Master of Arts, and for the requirements of the Faculty of Arts and Sciences for this degree.

PRIZES.

The Boylston Medical Prizes.

These prizes, which are *open to public competition*, are offered annually for the best dissertations on questions in medical science proposed by the Boylston Medical Committee.

At the annual meeting held in Boston in 1902 a prize was awarded to Robert L. Randolph, M.D., of Baltimore, Md., for an essay entitled *The Role of the Toxins in Inflammations of the Eye.*

For 1903 two prizes are offered: —

1. A prize of seventy-five dollars for the best dissertation on *The results of Original Work in Anatomy, Physiology, or Physiological Chemistry.* The subject to be chosen by the writer.

2. A prize of seventy-five dollars for the best dissertation on *The results of Original Investigations in Pathology, Therapeutics, or Pharmacology.* The subject to be chosen by the writer.

Dissertations on these subjects must be sent post-paid to E. H. NICHOLS, M.D., Harvard Medical School, Boston, Mass., on or before *January 1, 1903.*

For 1904 two prizes are offered: —

1. A prize of seventy-five dollars for the best dissertation on *The results of Original Work in Anatomy, Physiology, or Physiological Chemistry.* The subject to be chosen by the writer.

2. A prize of seventy-five dollars for the best dissertation on *The results of Original Investigations in Pathology, Therapeutics, or Pharmacology.* The subject to be chosen by the writer.

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Dissertations on these subjects must be sent to the same address as above on or before *January 1, 1904.*

In awarding these prizes preference will be given to dissertations which exhibit original work, but if no dissertation is considered worthy of a prize, the award may be withheld.

Each dissertation must bear in place of its author's name some sentence or device, and must be accompanied by a sealed packet bearing the same sentence or device, and containing within the author's name and residence. *Any clew by which the authorship of a dissertation is made known to the Committee will debar such dissertation from competition.*

Dissertations must be printed or typewritten, and their pages must be bound in book form.

All unsuccessful dissertations are deposited with the Secretary, from whom they may be obtained, with the sealed packet unopened, if called for within one year after they have been received.

By an order adopted in 1826, the Secretary was directed to publish annually the following votes: —

1. That the Board do not consider themselves as approving the doctrines contained in any of the dissertations to which premiums may be adjudged.

2. That in case of publication of a successful dissertation, the author be considered as bound to print the above vote in connection therewith.

The Boylston Medical Committee is appointed by the President and Fellows, and consists of the following physicians: WILLIAM F. WHITNEY, M.D., *President;* EDWARD H. NICHOLS, M.D., *Secretary;* HAROLD C. ERNST, M.D., FRANZ PFAFF, M.D., THEOBALD SMITH, M.D., WILLIAM T. PORTER, M.D., FRANKLIN DEXTER, M.D.

The address of the *Secretary* of the Boylston Medical Committee is EDWARD H. NICHOLS, M.D., Harvard Medical School, Boston, Mass.

William H. Thorndike Prize.

A prize of two hundred dollars will be given annually to the author of the best essay on some subject in any branch of Surgery.

The students of the Harvard Medical School and graduates of under five years' standing of any recognized medical school are eligible in competition for this prize.

Each essay must bear in place of its author's name some sentence or device, and must be accompanied by a sealed packet bearing the same sentence or device, and containing within the author's name and residence. If the author is a graduate, it must also contain the date of his graduation in medicine and the medical school from which he was graduated. Any clew by which the authorship of an essay is made known to the judges will debar such essay from the competition.

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The essays must be sent to the Dean of the Harvard Medical School, No. 688 Boylston Street, Boston, Mass., U. S. America, on or before *November 1* of each year, and the award will be made annually on *December 24*. If no essay is considered worthy of a prize, no award will be made.

Anatomical Prize.

Professor C. B. PORTER offers a prize of fifty dollars, open to all students, and graduates of not more than five years' standing, except teachers of anatomy, for the best dissection deserving the award illustrative of surgical anatomy, the specimen to be presented to the Museum.

Otological Prize.

For the best preparation illustrating the osseous anatomy of the ear or for the best thesis showing original work on an otological subject, a prize of twenty-five dollars is offered, open to fourth-year students.

Other Prizes.

The Bowdoin, Dante, Toppan, and Sumner Prizes, administered by the Faculty of Arts and Sciences, are open to students in all departments of the University.

FELLOWSHIPS AND SCHOLARSHIPS.

Fellowships.

BULLARD FELLOWSHIPS. In 1891, WILLIAM STORY BULLARD, of Boston, gave the sum of fifteen thousand dollars for the establishment of three fellowships of five thousand dollars each "in memory of three physicians who were distinguished for their honorable personal character and for their professional services in this community." Accordingly the three following fellowships were established with a yearly income of two hundred and twenty-five dollars each: —

THE GEORGE CHEYNE SHATTUCK MEMORIAL FELLOWSHIP.
THE JOHN WARE MEMORIAL FELLOWSHIP.
THE CHARLES ELIOT WARE MEMORIAL FELLOWSHIP.

The income from any one or all of these fellowships may be paid to any student or member of the medical profession who shall be selected by the Administrative Board of the Medical School to make such original investigations in Medical Science as in their opinion will be most useful to the profession and to the community. The results of such investigations shall not, however, be published as a research performed under the grant of a Bullard Fellowship, unless the work shall have received the approval of the Committee. If published with the approval of the Committee,

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mention shall be made of the fact that the work was done under a Bullard Fellowship.

Holders of Bullard Fellowships are required to do an amount of work equivalent to not less than ten hours per week throughout the academic year and to present to the Committee at the end of the academic year a report on the amount and result of the work performed.

Applications for the Bullard Fellowships must be handed to the Dean on or before October 1.

AUSTIN TEACHING FELLOWSHIPS. In 1900, four Austin Teaching Fellowships, of five hundred dollars each, were established from the income of the Edward Austin Fund.

Scholarships.

The Cheever Scholarship is awarded to a student of the first year class. The Hayden Scholarship may be so awarded. All the other Scholarships are awarded to members of the three upper classes.

BARRINGER SCHOLARSHIPS. Two, known as the Edward M. Barringer Scholarship No. 1, and the Edward M. Barringer Scholarship No. 2, and having a yearly income of three hundred dollars and two hundred dollars respectively, from a bequest of Edward M. Barringer, will be awarded to deserving students, preferably those of the fourth class.

DAVID WILLIAMS CHEEVER SCHOLARSHIP, with an income of two hundred and fifty dollars, was founded in 1889 by David Williams Cheever, LL.D., M.D., of Boston, of the Class of 1852. It is to be awarded to a poor and meritorious student of the first year, after three months' probation in the Medical School.

ISAAC SWEETSER SCHOLARSHIP was founded in 1892 by Mrs. Anne M. Sweetser. The income of two hundred and fifty dollars is to be "devoted to the aid of poor students of ability who would not otherwise be able to continue the studies necessary for their profession."

CLAUDIUS M. JONES SCHOLARSHIP, with an income of two hundred and fifty dollars, is from a bequest of six thousand dollars by Claudius Marcellus Jones, of the Class of 1866, M.D. 1875.

ORLANDO W. DOE SCHOLARSHIP. The bequest of ORLANDO WITHERSPOON DOE (A.B. 1865, M.D. 1869) was five thousand dollars. One-half the income derived therefrom, amounting to one hundred dollars, "is to be given annually as a scholarship to a deserving student in the Medical department."

CHARLES PRATT STRONG SCHOLARSHIP, with an income of one hundred dollars, was founded in 1894 by friends and patients of the late Charles Pratt Strong, of the Class of 1876, M.D. 1881.

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The LEWIS AND HARRIET HAYDEN SCHOLARSHIP for colored students was founded in 1894 from a bequest of Mrs. Harriet Hayden. The income is two hundred dollars.

ALFRED HOSMER LINDER SCHOLARSHIP, with an income of two hundred dollars, was founded in 1895 by Mrs. George Linder. It is to be awarded to a needy student who shall have proven himself to be of sound principles and marked ability.

JOSEPH EVELETH SCHOLARSHIPS. Three Scholarships with an annual income of two hundred dollars each. Founded from the residuary bequest of thirty-seven thousand eight hundred and ninety-seven dollars and fourteen cents, made by Joseph Eveleth, of Boston, "for aiding deserving and indigent young men in obtaining an education in said College or any of the schools connected therewith." Three Scholarships on this foundation have been assigned to the Harvard Medical School.

EDWARD WIGGLESWORTH SCHOLARSHIP, with an income of two hundred dollars, was founded in 1897 by the family of the late Edward Wigglesworth, of the Class of 1861, M.D. 1865, the yearly income of the fund to be paid to such needy and deserving students of the Medical School as the Medical Faculty shall annually recommend.

HILTON SCHOLARSHIPS. Two Scholarships with an income of two hundred and twenty-five dollars each were founded in 1897 from a bequest of William Hilton.

CHARLES B. PORTER SCHOLARSHIP, with an income of two hundred dollars, was founded in 1897 from a bequest of five thousand dollars by William L. Chase.

FACULTY SCHOLARSHIPS. Four scholarships, with an income of two hundred dollars each, have been established by the Faculty, and are open to meritorious students who have been at the School for at least one year. Only those students needing assistance are expected to apply; and of such, those holding the highest rank will have the preference. Holders of Faculty scholarships may be required to render assistance in laboratory courses to an amount not exceeding four hours per week.

The JOHN THOMSON TAYLOR SCHOLARSHIP, with an income of two hundred dollars, was founded in 1899 by Mrs. Frederic D. Philip in memory of her brother, John Thomson Taylor, who died in 1889. He was a student of the Medical School from 1887 to 1889.

LUCIUS F. BILLINGS SCHOLARSHIP, with an income of two hundred dollars, was founded in 1900 from a bequest under the will of Lucius F. Billings.

COTTING GIFT. The income of a fund received from the late Dr. Benjamin E. Cotting will be given to such medical student or students

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as the Medical Faculty may select, having regard to the pecuniary needs, intellectual capacity, faithfulness and earnest endeavor, rather than to highest scholarship merely. The amount to be awarded annually will be one hundred and twenty-five dollars.

The income of the JOHN FOSTER FUND, amounting to about one hundred and fifty dollars, is payable every other year to one or more meritorious students needing assistance. The next payment will be made in 1904.

All applications for scholarships or pecuniary aid, except for the Cheever and Hayden Scholarships, must be handed to the Dean on or before *May 30.*

Applications for the Cheever and Hayden Scholarships must be handed to the Dean on or before *November 29.* These scholarships are open only to students who are members of the School at the time of application.

Blank forms on which all applications for pecuniary aid must be made may be obtained of the Dean.

FEES AND EXPENSES.

The fees are: — For matriculation, *five dollars;* for the first three years, *two hundred dollars* for each year (if in two payments, at the first, one hundred and twenty dollars; at the second, eighty dollars); for a half-year alone, *one hundred and twenty dollars;* for the full year to all students entitled to be classified as fourth-year students and who have been regular members of the School for three full years, *one hundred dollars* (if in two payments, at the first, sixty dollars, at the second, forty dollars); for graduation,* *thirty dollars.* During the first two years there are the following additional expenses: two dollars for each of the three parts required for dissection; two dollars for laboratory materials in Histology; three dollars for physiological material; and a maximum of five dollars per year for chemical material, in addition to the charge for breakage of glass apparatus. Students who pay in advance are required to deposit with the Bursar six dollars to cover Anatomy charges, two dollars for Histology, and fifteen dollars for Chemistry and Physiology. The balances of these deposits are returnable at the end of the year. A deposit of two dollars with the Dean will entitle a student to the use of a locker in the School building. A student who wishes to rent a microscope of the School can do so upon payment of three to six dollars a half-year. In the fourth year a charge of three dollars is made for material used in the course in Operative Surgery.

Students who do not pay in advance are required to file with the Bursar a bond for *three hundred dollars*, executed by two sufficient bondsmen

* Students entering the School after the academic year 1902–03 shall pay a fee of $200 for the fourth year and be exempt from a graduation fee.

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(one of whom must be a citizen of the United States), or by a surety company qualified to do business in Massachusetts. All students are advised to deposit bonds. Blank forms may be obtained from the Secretary of the Faculty or from the Bursar. No officer or student of the University is accepted as a bondsman. To students depositing bonds, term-bills will be presented February 1, to be paid on or before February 21; and also one week or more before Commencement, to be paid on or before the beginning of the next academic year. Such students will be held responsible for the payment of fees until they have notified the Dean in writing of their intention to withdraw from the School, and have subsequently received their bond from the Bursar.*

Whenever a student is obliged to withdraw from the School before the last four weeks of a half-year for no misdemeanor, but for good and sufficient reason, to be determined in all cases by the Faculty, it shall be recommended that he be entitled to a remission of three-fourths of the amount due for that portion of the time during which he receives no instruction. This remission will date from the reception by the Dean of a written notice of the student's withdrawal from the School. No degree will be conferred till all dues to the School are discharged. The student's general expenses may be reduced, in accordance with his means, to the standard which prevails in other cities. A list of boarding places at various prices can be obtained at the rooms of the Young Men's Christian Association, corner of Berkeley and Boylston Streets, and the rooms of the Young Men's Christian Union, No. 48 Boylston Street, Boston.

A special pamphlet, containing many important details concerning the School, is published each year, and may be had on application to the Dean of the School, or at the Publication Office, No. 2 University Hall, Cambridge.

For any information about the School, not contained in the Catalogue or special pamphlet, address Dr. WILLIAM L. RICHARDSON, *Dean*, Harvard Medical School, No. 688 Boylston Street, Boston, Mass.

OFFICE HOURS OF THE DEAN, TUESDAY AND FRIDAY, 12.15 TO 1 P.M.; OF THE SECRETARY, MONDAY AND THURSDAY, 12 TO 1 P.M.

* The Bursar's office is in Dane Hall, Harvard Sq., Cambridge. Hours 9–1.

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THE DENTAL SCHOOL.

The Harvard Dental School was instituted by vote of the President and Fellows of Harvard College, July 17, 1867. Dr. NATHAN COOLEY KEEP had in 1865, in his annual address before the Massachusetts Dental Society, of which he was then President, suggested the need of a Dental School in connection with Harvard University; and the movement which resulted in the establishment of the School thus took its beginning. The first session of the School opened on the first Wednesday in November, 1867, and continued until the following March. The first examination of candidates for the degree of the School was held March 6, 1869.

The School is now established in convenient quarters, formerly occupied by the Medical School, in North Grove Street, Boston.

Instruction in this School is given throughout the academic year, by lectures, recitations, clinical teaching, and practical exercises, uniformly distributed. An examination for admission was first required in 1885–86. The programme of instruction is progressive, and occupies three years, its extension to three years having taken place in 1890.

The studies of the first year are pursued in connection with the classes in the Harvard Medical School, the student receiving instruction by the same professors at the same time and place with the medical students.

The degree of DOCTOR OF DENTAL MEDICINE is given, on recommendation by the Faculty of Medicine, on the completion of the three years' course. The degree is given in two grades (see p. 617).

It is the object of the Faculty to present a complete course of instruction in the theory and practice of Dentistry; and for this purpose a well-appointed laboratory and infirmary are provided, and such arrangements made as ensure an ample supply of patients. Clinical instruction is given by the professors and other instructors; and, under the direction of demonstrators, patients are assigned to the students, ensuring to all opportunity of operating at the chair, and becoming by actual practice familiar with all the operations demanded of the dentist.

The Infirmary remains open, and three of the clinical instructors and a demonstrator are in attendance, daily, throughout the academic year, offering to students excellent facilities for acquiring practical knowledge and manipulative dexterity.

Students have access to the hospitals of the city; to the dissecting-room and museum of the Medical School; and also, *without additional charge, to the instruction and examinations given in any other department of the University, with the exception of exercises carried on in the special laboratories.*

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ADMINISTRATIVE BOARD.

EUGENE HANES SMITH, D.M.D., DEAN, and *Professor of Mechanical Dentistry and Orthodontia.*

THOMAS FILLEBROWN, D.M.D., M.D., *Professor of Operative Dentistry and Oral Surgery.*

CHARLES ALBERT BRACKETT, D.M.D., *Professor of Dental Pathology.*

WILLIAM BARKER HILLS, M.D., *Associate Professor of Chemistry.*

EDWARD CORNELIUS BRIGGS, D.M.D., M.D., *Professor of Dental Materia Medica and Therapeutics.*

WILLIAM PARKER COOKE, D.M.D., *Assistant Professor of Mechanical Dentistry.*

WILLIAM HENRY POTTER, D.M.D., *Assistant Professor of Operative Dentistry.*

DWIGHT MOSES CLAPP, D.M.D., *Clinical Lecturer on Operative Dentistry.*

WALDO ELIAS BOARDMAN, D.M.D., *Curator of the Dental Museum,* and *Librarian.*

REQUIREMENTS FOR ADMISSION.

(Present Method.)

All candidates for admission holding a degree in letters, science, or medicine, from a recognized college or scientific school, or who have passed an examination for admission to Harvard College or to any other reputable college of letters or to the Lawrence Scientific School, are admitted without examination. All other candidates must pass an examination in the following subjects: —

1. English.
2. Physics.
3. Either Latin or French.
4. General Chemistry.
5. Qualitative Analysis.
6. Either German, Algebra, Plane Geometry or Botany.

1. ENGLISH. The candidate will be required to write a paragraph or two on each of several topics chosen by him from a considerable number set before him on the examination paper. In 1903 the topics will be drawn from the following works: Shakspere's Julius Caesar; George Eliot's Silas Marner; Lowell's Vision of Sir Launfal; Scott's Ivanhoe; Tennyson's Princess.

The candidate is expected to read intelligently *all* the books prescribed. He should read them as he reads other books; he is expected, not to know them minutely, but to have freshly in mind their most important parts.

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In every case the examiner will regard knowledge of the book as less important than ability to write English.

As additional evidence of preparation, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work.

2. PHYSICS. (1) A competent knowledge of Physics such as may be obtained from Gage's Elements of Physics, or any other High School Physics, or (2) a course of experiments, not less than forty in number, performed at school by the student. These must be selected from a list issued by the University under the title, "A Descriptive List of Elementary Exercises in Physics,"* or must be approved by the Department of Physics of Harvard College as the equivalent of those contained in this list.

The note-book must bear the endorsement of the teacher certifying that the notes are a true record of the pupil's work, and must be handed to the Dean at least one week previous to the date of the entrance examination.

3. LATIN OR FRENCH. The translation at sight of average passages from the first three books of Caesar's Commentaries on the Gallic War, and the first two books of Virgil's Aeneid; and in French, of translation at sight of simple prose.

4 and 5. CHEMISTRY.† Theoretical and Descriptive (Inorganic) Chemistry and Qualitative Analysis.

a. Each candidate is required to pass a written examination in Theoretical and Descriptive (Inorganic) Chemistry.

b. Each student will be required to hand in, at the hour of the written examination in Chemistry, the original note-book in which he recorded the work performed by him at school in Qualitative Analysis. The note-book must give evidence that the student has had practice in the analysis of solutions and solids containing several salts, and must bear the endorsement of his teacher, certifying that the notes are a true record of his work.

All candidates, whether presenting a degree or not, are required to satisfy the Faculty that they have had a course in Theoretical and Descriptive (Inorganic) Chemistry and Qualitative Analysis sufficient to fit them to pursue the courses in Chemistry given at the School or, failing in this, to pass an examination in General Chemistry and Qualitative Analysis. Students who are unable to fulfil either of these requirements

* This list can be procured (price forty cents) of the branch of the Harvard Coöperative Society, 707 Boylston St., Boston, or will be sent postpaid on receipt of price by the Publication Agent of Harvard University, 2 University Hall, Cambridge, Mass.

† The Summer Course in General Chemistry and Qualitative Analysis given at the Medical School is adapted to students about to enter the Dental School.

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may enter conditioned in Chemistry. An opportunity will be furnished during the first year for making up this condition. A special fee of twenty dollars will be charged for this course.

6. GERMAN, ALGEBRA, PLANE GEOMETRY, AND BOTANY.

The examination in German will consist of translation at sight of simple prose; in Algebra, will extend to Quadratic Equations; in Botany, will cover Gray's How Plants Grow; in Geometry, will include the elements of Plane Geometry.

Students who began their professional studies in other recognized Dental or Medical Schools may be admitted to advanced standing: but all persons who apply for admission to the advanced classes must furnish a satisfactory certificate of time spent in dental or medical studies, and must pass examinations in the branches already pursued by the class to which they seek admittance.

Graduates of recognized dental schools will be admitted without examination to the courses in Operative and Mechanical Dentistry, but attendance on such courses does not entitle a student to examination for the degree. A certificate of attendance will be furnished when desired.

The examinations for admission are conducted in writing. In judging the work of the candidate, the spelling, grammar, and construction are considered.

The examination for admission is held at the Dental School, North Grove Street, Boston, on the Thursday following the last Wednesday in June and on the Monday preceding the last Wednesday in September, beginning at 9 A.M.

The first, or June, examination is held also at the places at which there are examinations for admission to Harvard College, enumerated on pages 333, 334 of this catalogue. The second, or September, examination is held at the Dental School only.

No person will be examined for admission at any other than the regularly appointed time.

The entrance and first-year examinations will be allowed to foreign students who have passed *equivalent* examinations abroad, upon presentation of proper certificates from the examining boards vouching for the facts.

A certificate of having passed the examination for admission will admit a person to this school only as long as the entrance requirements remain the same.

All persons intending to take the entrance examination must send their names to the Dean for registry previous to the day on which the examination is to take place.

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REQUIREMENTS FOR ADMISSION.

(New Method.)

In June, 1904, and thereafter, the requirements for admission will be as follows: —

Candidates for admission holding a degree in letters, science, or medicine from a recognized college or scientific school, or who have passed the examination for admission to Harvard College or any other reputable college of letters, or the Lawrence Scientific School, are admitted without examination. All other candidates must offer from the following list studies amounting to 16 points. Sections 1, 2, 3, 4 are required. Electives may be chosen from Section 5.

The figure attached to each study indicates the relative weight (termed points) which will be given to it in determining the question of the candidate's fitness for admission.

1. English (*4*)
2. Physics (*2*)
3. Latin (*4*) *or* French (*2*) and English and American History (*2*)
   or French (*2*) and Greek and Roman History (*2*)
   or German (*2*) and English and American History (*2*)
   or German (*2*) and Greek and Roman History (*2*)
4. Theoretical and Descriptive (Inorganic) Chemistry and Qualitative Analysis (*4*)

In addition he will be obliged to offer either —

5. Algebra (*2*)
   Plane Geometry (*2*)

Or any two of the following: —

Solid Geometry
Botany (*1*), Zoölogy (*1*)
Anatomy, Physiology, and Hygiene (*1*)
Woodworking (*1*)
Blacksmithing (*1*)
Chipping, Filing, and Fitting (*1*)
Machine-tool Work (*1*)

The examinations in English, Physics, Latin, French, Greek and Roman History, English and American History, German, Algebra and Plane and Solid Geometry will be the same as those given in these subjects (elementary grade) for admission to Harvard College.

The examinations in Botany, Zoölogy, Anatomy, Physiology and Hygiene, Woodworking, Blacksmithing, Chipping, Filing and Fitting, Machine-tool Work, will be the same as those given in these subjects for admission to the Lawrence Scientific School.

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Candidates for admission to the Dental School will take the examinations, at the times and places designated for the examinations for admission to Harvard College and the Lawrence Scientific School.

DIVISION OF STUDENTS.

Students are divided into three classes according to their lines of study and proficiency, and during their last year will receive largely increased opportunities of clinical instruction and of practice in actual operations on the natural teeth and mouth.

In order that the time of study may count as a full year, students of all classes must present themselves within the first week of the academic year and register their names with the Dean.

ARRANGEMENT OF STUDIES.

The following is the plan of study in the successive years of the School: —

First Year. — Anatomy-dissection, Physiology, Histology and Embryology; Physiological Chemistry.

Second Year. — Bacteriology, Oral Pathology, Operative Dentistry, Oral Surgery, Mechanical Dentistry, and Orthodontia; General and Dental Materia Medica and Therapeutics; Crown and Bridge Work and Metallurgy; practical work daily in the mechanical laboratory and in the operative infirmary.

Third Year. — Operative Dentistry, Oral Surgery, Mechanical Dentistry, and Orthodontia, Neurology, Surgical Pathology and Surgery, Crown and Bridge Work and Metallurgy; Dental Jurisprudence; practical work in operative infirmary and mechanical laboratory.

COURSES OF INSTRUCTION.

NOTE. — The figures at the right of the page indicate as accurately as can be ascertained the number of hours of instruction which each student receives in the different courses.

Anatomy.

October.

Lectures. Professor DWIGHT. *Daily.* 24

Demonstrations and study of bones and joints. *Three hours daily.* 72

November and December.

Lectures. Professor DWIGHT. *Twice a week.* 16

Demonstrations. Professor DEXTER. *Four times a week to each section of the class.* 32

Practical anatomy with recitations. *Three hours a day, five times a week.* 120

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January.

Lectures and demonstrations. Professor DWIGHT. *Every Saturday.* 4

Lectures. Professor DEXTER. *Daily.* 24

Demonstrations. Dr. WARREN. *Five times a week to each section of the class.* 20

Demonstrations and study of the brain and organs of sense. *Three hours a day, five times a week.* 60

Practical anatomy with recitations. *Three hours a day, five times a week.* 60

Histology and Embryology.

October.

Lectures. Professor MINOT. *Six times a week.* 24

Laboratory work. Drs. EMERSON, DONOGHUE, LARRABEE, BREMER, and LEWIS. *Three hours, five times a week.* 60

November and December.

Lectures. Professor MINOT. *Twice a week.* 16

Laboratory work. *Four hours, four times a week; three hours, once a week.* 152

January.

Lectures. Professor MINOT. 16

Physiology.

Laboratory experiments. Professor W. T. PORTER and Dr. CANNON. *Daily, except Saturday, second half-year.* 180

Conference (75). Professor W. T. PORTER and Dr. CANNON. *Daily, except Saturday. First to fifteenth week inclusive, second half-year.* 33

Written tests (60). *Twenty minutes daily, except Monday and Saturday. First to fifteenth week inclusive, second half-year.* 25

Written tests (15). *One hour Mondays. First to fifteenth week inclusive, second half-year.*

Lectures, with demonstration (50). Professor W. T. PORTER and Dr. CANNON. *Daily, except Saturday. Sixth to fifteenth week inclusive, second half-year.* 25

Special demonstrations (15). Professor W. T. PORTER and Dr. CANNON. *Saturdays. First to fifteenth week inclusive, second half-year.* 15

Recitations (15). Professor BOWDITCH. *Saturdays. First to fifteenth week inclusive, second half-year.* 15

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Discussion of Theses (50). *Daily, except Friday. Sixth to fifteenth week inclusive, second half-year.* 40

Thesis. Written by each student from the original sources.

Physiological and Pathological Chemistry.

Lectures and Demonstrations. Professors WOOD and HILLS. *Half an hour daily during first eight weeks; one hour three times a week during second eight weeks, during second half-year.* 48

Laboratory Exercises. Professors WOOD and HILLS, and Drs. HEWES, EMERSON, and ALSBERG. *Daily for three hours during first eight weeks; two hours a day three times a week, three hours twice a week, during second eight weeks, during second half-year.* 240

Bacteriology.

Lectures. Professor ERNST. *Daily, except Saturdays, during October and November.* 40

Laboratory work. Professor ERNST, and Drs. PAGE, DENNY, ROBEY, PERRY, EVERETT, FROTHINGHAM, and JOHNSON. *Two to three hours daily during October and November.* 120

Operative Dentistry.

Lectures. Professor FILLEBROWN and Asst. Professor POTTER. *Twice a week.* 60

Oral Surgery. Professor FILLEBROWN. Lectures and Clinics. 30

Clinical lectures. Drs. CLAPP and STARRATT. *Once a week, for ten weeks.*

Lectures and Demonstrations. Dr. WERNER. *Once a week, for thirteen weeks.* 13

Practical work. *Fifteen hours a week, throughout the second and third years.* 960

Extracting Clinics. Drs. HART and SQUAREBRIGS. *Ten hours a week throughout the second and third years.* 600

Mechanical Dentistry and Orthodontia.

Lectures. Professor SMITH. *Once a week.* 30

Practical work. *Eighteen hours a week, throughout the second and third years.* 1080

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Orthodontia Clinics. Professor SMITH and Dr. BAKER. *Once a week throughout the third year.* 30

Conferences. Dr. BAKER. *Twice a week.* 30

Clinical lectures. Dr. STODDARD. *Once a week for five weeks, followed by demonstrations in continuous Gum and Inlay Work in Mechanical Laboratory.* 15

Clinical lectures. Dr. CROSS. *Once a week, during first half of the third year.* 15

Clinical instruction. Dr. J. D. DICKINSON. (Private Laboratory.) *Once a week during April.* 4

Crown and Bridge Work and Metallurgy.

Lectures and demonstrations. Asst. Professor COOKE. *Once a week.* 30

Demonstrations. Dr. ELDRED. *Once a week.* 75

Surgery.

Lectures. Professor WARREN.

Operative Surgery.

Operations are performed before the students one day each week throughout the year in the Amphitheatres at the Massachusetts General Hospital and the Boston City Hospital.

The Surgical cases at the Eye and Ear Infirmary and at the Boston Dispensary are shown by the surgeons in charge.

Surgical Pathology.

Lectures. Dr. MONKS. *Once a week, for ten weeks.* 10

Dental Pathology.

Lectures. Professor BRACKETT. *Once a week.* 30

Materia Medica and Therapeutics.

Lectures. Professor E. C. BRIGGS. *Once a week.* 30

Recitations. Dr. RODGERS. 30

Neurology.

Lectures. Dr. TAYLOR. *Once a week, for four weeks.* 4

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METHODS OF INSTRUCTION.

A detailed account of the methods of instruction in the various subjects of study and a list of text-books employed in the courses and books recommended for collateral reading will be found, with other important information, in the special pamphlet issued by the School. This pamphlet can be obtained at the Publication Office, No. 2 University Hall, Cambridge, or by application to the *Dean of the Dental School*, No. 283 Dartmouth Street, Boston, Mass.

CLINICAL ADVANTAGES.

The Dental School is established in Boston, in order to secure those advantages for Clinical Instruction which are found only in large cities.

The clinics of the Dental Hospital afford a sufficient number of patients to give every student abundant practice in all branches of Dentistry throughout the year.

Each student is assigned a chair, and is expected to improve his opportunity and operate three hours every day, five days in the week, giving each student during each year 480 hours of practice in Operative Dentistry.

In the mechanical department the student gives three hours a day for six days each week, giving 576 hours' practice each year.

The Massachusetts General Hospital. — During the past year, more than five thousand patients were treated in the wards, and over thirty thousand in the out-patient departments. Patients are received from all parts of the United States and the Provinces, and are visited by the students, with the attending physicians and surgeons, on four days in the week.

The Boston City Hospital. — During the past year, about nine thousand cases were treated in its wards, and twenty-two thousand in its various out-patient departments. The medical wards always contain many cases of acute diseases, and changes are taking place constantly. Clinical instruction is given by the physicians and surgeons twice a week.

In these two hospitals, the facilities for witnessing Operative Surgery are unsurpassed. Twice a week operations are performed in the presence of the class. The number of these operations is large, reaching nearly two thousand a year. The variety is great, embracing every surgical disease and injury, including the surgical operations on the eye and ear.

The Boston Dispensary. — More than forty thousand patients were treated at this public charity during the past year. A new building has lately been erected at a cost of $50,000, where students have ample and

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excellent opportunity for seeing practical work in the diagnosis and treatment of cases illustrating the various branches of Medicine and Surgery.

The Massachusetts Charitable Eye and Ear Infirmary. — Over twenty thousand patients were treated at this institution during the past year. These cases present every variety of disease of the ear and eye, and supply a large number of operations.

LIBRARIES AND MUSEUMS.

The College Library at Cambridge is open to students, and also the Library of the Boston Medical Library Association which has a dental section containing a large and very complete collection of dental literature. It includes the libraries of the American Academy of Dental Science, and the Massachusetts Dental Society.

The Dental School Library contains about five hundred well selected volumes to which the students and graduates of the School have free access.

The Boston Public Library is open to students who are inhabitants of Boston. Students who are not inhabitants of Boston, who have filed bonds at the Treasurer's office, or deposited with the Treasurer the sum of fifty dollars, may also use this Library.

The Dental Museum is in charge of Dr. WALDO ELIAS BOARDMAN, *Curator*. It contains over 3000 specimens, and offers unusual facilities for study of the teeth. The pathological anatomy of the teeth is shown by more than 1600 specimens, among which are over 200 dissected teeth showing formations of secondary dentine in the pulp cavity, and also many other rare specimens of great value. There are 600 other specimens of human and comparative anatomy, illustrating a wide range of knowledge.

Students in the School have access also to the Warren Anatomical Museum in the Medical School.

INSTRUMENTS.

With the exception of extracting instruments, lathes, and vulcanizers, each student will be required to furnish his own instruments, and appliances for both laboratory and operating room.

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EXAMINATIONS.

The final examination in every required subject is held at the close either of the first or of the second term of the School year. The examination, therefore, in every subject occurs once a year, but an opportunity to make up failures in examinations is offered at the opening of the School year.

The amount of time allowed for each examination is as follows: —

First Year. — Anatomy (practical, 4 hrs.), Histology (1 hr.), Physiology (3 hrs.), Physiological and Pathological Chemistry (3 hrs.).

Second Year. — Dental Pathology (3 hrs.), Materia Medica and Therapeutics (2 hrs.), Operative Dentistry (3 hrs.), Bacteriology (1 hr.).

Third Year. — Operative Dentistry (2 hrs.), Surgical Pathology and Surgery (3 hrs.), Mechanical Dentistry (2 hrs.), Orthodontia (2 hrs.), Crown and Bridge Work (2 hrs.). These examinations will include actual operations performed during the course, and the preparation of specimens of mechanical dentistry.

Students shall not be entitled to enter the third-year class in practical Operative and Mechanical Dentistry, until they have shown reasonable proficiency in the work of the second year.

Applicants for advanced standing must pass all the examinations of the years which they desire to omit, or furnish proof that they have passed equivalent examinations. Examinations for advanced standing are held in June and September.

No student will be allowed to anticipate the examinations in the regular programme of his year, except by special permission of the Administrative Board.

After two failures to pass in any subject a charge of three dollars will be made for each subsequent examination in that subject.

DEGREE OF DOCTOR OF DENTAL MEDICINE.

The degree of Doctor of Dental Medicine (*Dentariae Medicinae Doctor*) may be conferred upon any candidate of adult age, and of good moral character, who has passed *all the required examinations*, and convinced the Professors and Instructors in Operative and Mechanical Dentistry of his ability to meet satisfactorily the requirements of his art. He must also give evidence of having studied Medicine or Dentistry in some recognized school three full years, the last continuous year of which must have been spent at this School.

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The degree of Doctor of Dental Medicine *cum laude* will be given to candidates who have pursued a complete three years' course and passed the examinations with distinguished excellence.

No student may advance with his class until he has passed a satisfactory examination in a majority of the studies already pursued by his class.

The course is a graded one of three continuous years. *Graduates* from other reputable Dental Schools whose Course of Instruction consists of three years of nine months each will be permitted to enter the Senior class after passing the required examinations, or without examination, by special vote of the Administrative Board.

Candidates for the degree are obliged to apply for the same in writing, on blanks furnished at the Dean's office, on or before *May 31* of the year in which they propose to graduate.

FEES AND EXPENSES.

There are no fees for matriculation, for the diploma, or for the demonstrators. For the first year of a student's membership in the School, the fee is *two hundred dollars*, in two payments of *one hundred and twenty dollars* and *eighty dollars*, at the beginning of the several terms; for the second and third years, *one hundred and fifty dollars* each, in two payments of *one hundred dollars* and *fifty dollars*, at the beginning of the several terms; and for any subsequent year, *fifty dollars*, payable at the beginning of the year.

During the first year there are the following additional expenses: Two dollars for each of the three parts required for dissection; two dollars for laboratory materials in Histology; three dollars for physiological material; and a maximum of five dollars a year for chemical material, in addition to the charge for breakage of glass apparatus. Students who pay in advance are required to deposit with the Bursar six dollars to cover Anatomy charges, two dollars for Histology, and fifteen dollars for Chemistry and Physiology. The balances of these deposits are returnable at the end of the year.

A deposit of two dollars with the Dean of the Medical School will entitle a student to the use of a locker in the School building.

A student who wishes to rent a microscope of the School can do so upon payment of three to six dollars a half-year. During the second and third years a deposit of ten dollars is required to cover any loss or breakage of appliances in the Infirmary and Mechanical Laboratory. The balance of this deposit is returned at the close of the year.

Graduates of recognized Dental Schools, admitted to the courses in Operative and Mechanical Dentistry for the whole or any portion of the academic year, pay a fee of *fifty dollars* for each course.

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Graduates of the Harvard Dental School are admitted to both of these courses by a payment of *fifty dollars*.

A bond for *three hundred dollars* executed by two sufficient bondsmen, one of whom must be a citizen of the United States, or by a surety company duly qualified to do business in Massachusetts, is required of students *who do not pay in advance*. A copy of such bond may be obtained by application to the Bursar* of the University. To students depositing these bonds, term-bills will be presented February 1, to be paid on or before February 21; and also one week or more before Commencement, to be paid on or before the beginning of the next academic year. Such students will be held responsible for the payment of fees until they shall have notified the Dean of their intention to withdraw from the School, and have received their bond from the Bursar. *No degree can be conferred till all dues to the School are discharged.*

No officer or student of the University is accepted as a bondsman.

Whenever a student is obliged to withdraw from the School before the last four weeks of a half-year for no misdemeanor, but for good and sufficient reason, to be determined in all cases by the Administrative Board, it shall be recommended that he be entitled to a remission of three-fourths of the amount due for that portion of the time during which he receives no instruction, — this remission to date from the reception by the Dean of a written notice of the student's withdrawal from the School.

The student's expenses may be reduced, in accordance with his means, to the standard which prevails in other cities. A list of boarding places at varying prices can be obtained at the rooms of the Young Men's Christian Association, corner of Berkeley and Boylston Streets, and the rooms of the Young Men's Christian Union, No. 48 Boylston Street.

Students, on joining the School, and at the beginning of each School year, must enter their names with the Dean of the School. They are expected to register on the first day of the academic year, *the Thursday following the last Wednesday in September*.

For the special pamphlet issued by the School, and for any information not contained in the Catalogue or the pamphlet, address Dr. EUGENE H. SMITH, *Dean*, No. 283 Dartmouth Street, Boston, Mass.

DEAN'S OFFICE: No. 283 DARTMOUTH STREET, BOSTON.

OFFICE HOURS OF THE DEAN: 9 A.M. TO 4 P.M.

* The Bursar's office is in Dane Hall, Harvard Square, Cambridge. Hours 9–1.

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THE BUSSEY INSTITUTION.

The SCHOOL OF AGRICULTURE AND HORTICULTURE, known as the BUSSEY INSTITUTION, was established in execution of trusts created by the will of BENJAMIN BUSSEY. It gives systematic instruction in Agriculture, Useful and Ornamental Gardening and Land Surveying, and in Chemistry and Natural History as applied to Agriculture, Horticulture and Forestry.

It is, in general, meant for young men who intend to become practical farmers, gardeners, florists, or landscape gardeners; as well as for those who will be called upon to manage large estates, or who wish to qualify themselves to be overseers or superintendents of farms, country seats, parks, towns, highways, or public institutions. It may serve also for the training of investigators and teachers of agricultural science, and in special cases as a school for the methodical education of young men fond of country life or interested in natural history.

The degree of BACHELOR OF AGRICULTURAL SCIENCE may be attained by students in the School.

The Bussey Institution is situated at the outer edge of Jamaica Plain, Massachusetts, about five miles southwest of the centre of Boston, and close to the Forest Hills station on the Boston and Providence Railroad. Although somewhat removed from the other departments of the University, it is near enough to Cambridge to enable the student, if he please, to attend a great variety of collateral instruction there given, and to make use of the College Library and the rich scientific collections of the University. The position of the School is in some part advantageous in that it helps to maintain the spirit and atmosphere proper to a School of Agriculture and insures to its younger students mental independence, freedom from distractions, and opportunity to devote themselves seriously to their chosen studies. Students may live either in the immediate vicinity of the School, or in Boston proper, or in some one of the villages upon the lines of the adjacent railways.

INSTRUCTORS.

EDMUND HERSEY, *Instructor in Farming*, and *Superintendent of the Bussey Farm.*

FRANCIS HUMPHREYS STORER, S.B., A.M., DEAN, and *Professor of Agricultural Chemistry.*

BENJAMIN MARSTON WATSON, A.B., *Instructor in Horticulture.*

ELISHA WILSON MORSE, B.A.S., *Instructor in Natural History.*

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CHARLES STEPHEN SHAUGHNESSY, S.B., *Instructor in Mathematics and Surveying.*
FRANK THOMPSON DILLINGHAM, S.B., *Assistant in Chemistry.*
JOHN HAMILTON ROBINETTE, B.A.S., *Assistant in Agriculture.*

CHARLES SPRAGUE SARGENT, A.B., LL.D., *Director of the Arnold Arboretum.*

ADMISSION OF STUDENTS.

Candidates for admission to this School must be at least seventeen years of age, and must present testimonials of good moral character. They will be subjected to no formal examination, though each student will be questioned as to his previous training and attainments, and be required to satisfy the instructors of his ability and of his intention to profit by the teachings of the School.

Graduates of High Schools and Academies should find no difficulty in following the courses given at the Bussey Institution, and even graduates of Grammar Schools who are familiar with rural affairs, and of adequate age, will encounter no insuperable impediments, though, as a matter of course, those students who come to the School most thoroughly trained will be apt to profit most from its teachings, and will the sooner be in a position to become candidates for the degree of Bachelor of Agricultural Science. In this sense it may be said that young men wishing to prepare themselves to pursue to the utmost advantage the courses of instruction at the Bussey Institution might pass one year at Cambridge, under the Faculty of Arts and Sciences, in studying Chemistry, Geology, Meteorology, Physical Geography, Drawing, English, French, and German. Or, instead of devoting the whole of a preparatory year to these studies, it is practicable for an earnest student to make up deficiencies by studying at Cambridge during the hours when no stated exercises occur at the Bussey Institution. It is to be remarked that the Summer School carried on at Cambridge under the direction of the Faculty of Arts and Sciences affords opportunities both for preparing to enter the Bussey Institution, and subsequently for making up deficiencies of preparation.

Candidates for a degree are expected to pursue at the Bussey Institution during the first year, with equal diligence, each and all of the first-year subjects, unless indeed they are already familiar with some of them, and to give evidence by passing prescribed examinations that they have become proficient in these studies. But in subsequent years the studies are varied, at the discretion of the instructors, in accordance with the student's aims and purposes.

Young men who are not candidates for a degree may, upon producing certificates of good moral character, join the School at any time, to pursue any special course or courses of instruction which in the opinion of the instructors they are qualified to study with advantage.

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INSTRUCTION.

Theory and Practice of Farming . . . . . Mr. HERSEY.

Selection of farms for special purposes. Soils best adapted to different crops. Location of farm buildings. Clearing land of rocks and stumps. Building of farm roads. Preparation and management of cranberry bogs. Selection of stock for farm purposes, with directions for breeding the same. Breeding and care of poultry. Construction of poultry houses. How to compost manures and to save those waste materials of the farm which contain plant food. How to buy, mix and apply commercial fertilizers. Preparation of the soil for different crops. Cultivation, harvesting, and marketing of crops. Fruit-growing and market-gardening.

Horticulture . . . . . Mr. WATSON.

Preparation of soils for horticultural and floricultural purposes. Management of plants, including methods of propagation. Horticultural implements. Methods of obtaining new varieties of vegetables, fruits, and flowers. Arrangement and care of flower-gardens and kitchen-gardens, nurseries, and orchards. The construction and care of green-houses, plant-cellars, pits, frames, and hotbeds. Values of trees, shrubs, and herbaceous plants, for ornamental purposes; practical work in making plans and estimates for planting. Practical greenhouse and garden work by the student supplements the lectures.

Students interested in the cultivation of trees and shrubs have the opportunity of seeing them grown in great variety and in large numbers for the Arnold Arboretum, on grounds adjacent to the School.

Natural History . . . . . Mr. MORSE.

Introduction to the study of organic life. Plants and animals contrasted. The cell and its significance. The different parts of living organisms and their uses. Physiology of plants and animals. Methods of recognizing weeds, grasses and other plants, and of destroying weeds. Structure and habits of insects, and methods of combating those kinds which are injurious. Detection, habits, and prevention of smuts, rusts, blights and mildews. Relation of bacteria to dairying. Sanitation of farm buildings. Heredity, variation and development. Domestication of plants and animals; derivation of improved varieties. Cross-breeding and hybridizing. Influence of insects in fertilizing plants.

Mathematics and Surveying . . . . . Mr. SHAUGHNESSY.

Algebra, through quadratic equations, theory of exponents, square roots and cube roots of numbers. Plane Geometry with special attention to mensuration. Trigonometry and Logarithms, solution and areas of right and oblique triangles. Surveying, drawing plans and topographic maps of small tracts, traversing and staking out bounds. Profile and differential

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levelling. Brief reports are made by the students exemplifying the relation of the subjects taken up to their work in practical life and incidentally training them in technical expression. The field work aims to give familiarity with instruments, plans, and deeds.

Agricultural Chemistry . . . . Professor STOREER, aided by Messrs. DILLINGHAM and ROBINETTE.

Soil, air, and water in their relations to the plant. The food of plants; — manures, general and special. Chemical principles of tillage, irrigation, systems of rotation, and of special crops and farms. Description of various crops and methods of treating them. Comparative agriculture. The food of animals; simple and mixed rations. Discussion of the values of different kinds of fodders, of the means of determining fodder values, and of the methods of using fodders to the best advantage.

Laboratory instruction in chemical analysis will be given to those students who wish for it.

Methods of Instruction.

Instruction is given by lectures and recitations, and by practical exercises in the laboratories, greenhouses, and fields; every student being taught to make experiments, study specimens, and observe for himself. The aim of the teachers is to give the student a just idea of the principles upon which the arts of agriculture and horticulture depend; to teach him how to make intelligent use of the scientific literature which relates to these arts; and to enable him to put a proper estimate upon those kinds of evidence which are obtained by experiments and by the observation of natural objects. Examinations are held statedly to test the student's proficiency.

With the exception of the course in Mathematics and Surveying, which is given in the second year, the studies enumerated above may be said to represent in a general way the instruction given during the first year, though, from the impossibility of going over so much ground in a single year, some part of each of the subjects mentioned must necessarily be relegated to the second and third years.

The regular exercises of the School are supplemented by excursions for studying farms, animals, and dairies. Opportunity is found in this way to discuss the methods of managing milk-farms and poultry-farms, and to inspect recent improvements in the construction of farm buildings and of buildings used for the preservation of meat, apples, pears, cranberries, and other fruits. There are field lessons also for the better examination and comprehension of objects of agricultural natural history.

In addition to their strictly professional studies, students of the Bussey Institution are recommended to pursue eventually at Cambridge some of the numerous courses of study which are particularly suitable for agricultural students, such as some of the courses on Geology, Zoölogy,

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Meteorology, Physiology, Political Economy, Physics, Mechanics and Engineering.

The Farm connected with the School is devoted primarily to the production of hay, which is consumed upon the farm by horses taken to board. Members of the School have constant opportunity to observe the methods of procedure by which the fertility of the fields is kept up. The Instructor in Agriculture explains the structure and operation of improved implements for preparing land for the growth of crops and for harvesting all kinds of farm products, and special efforts are made to teach the student how to select tools and machines which are properly constructed and best adapted to do the desired work.

Other Opportunities of Instruction.

The stated instruction in Agriculture, Horticulture, Land Surveying, Chemistry and Natural History, as described above, is given at the Bussey Institution, at Jamaica Plain, by teachers specially attached to this institution. But, beside these regular courses, there are many other opportunities for instruction of which young men who are strong enough to bear unlimited study may avail themselves, especially during their second and third years.

Students of the Bussey Institution, in full regular standing, are admitted free to the instruction and the examinations given in other departments of the University, with the exception of exercises carried on in the special laboratories, for which a fee will be charged. In addition to the instruction given by the University, beginners whose previous opportunities have been limited may occupy the evening hours by studying at the free evening High, and Drawing Schools of the City of Boston, which offer a number of useful and interesting courses. The instruction given by these schools is free to persons residing in Jamaica Plain or anywhere within the limits of the city. Free evening lectures upon scientific and other subjects of interest to agricultural students are often given both in Boston and Cambridge. The Massachusetts Horticultural Society holds frequent exhibitions of fruit and flowers; and there are several associations in Boston for the exhibition and discussion of mechanical novelties. Large agricultural warehouses, cattle markets, and abattoirs are all readily accessible, and afford ample opportunity for the observation and comparison of tools and stock. A great variety of greenhouses, and of gardens for the cultivation of fruit, flowers, and vegetables, as well as farms of several different kinds, and estates which illustrate practical landscape gardening, are situated within easy reach of the School and may be visited for purposes of study.

Young men who wish to obtain work upon farms during the summer vacation can do so without difficulty. In the case of inexperienced per-

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sons, unaccustomed to farm life, it is advisable that the summer-vacations should be spent in actual work upon farms, and this advice applies with special force to the vacation immediately preceding the beginning of the first school year.

LIBRARIES.

Students may freely use the special Agricultural Library at the Bussey Institution; the College Library at Cambridge; and the Boston Public Library, which has a branch and office for the delivery of books in Jamaica Plain not far from the Bussey Institution.

DEGREE OF BACHELOR OF AGRICULTURAL SCIENCE.

On the completion of the stated courses given at the Bussey Institution, and after passing with credit the examinations in these subjects which are held at appropriate intervals, candidates for the degree of Bachelor of Agricultural Science will pursue during the second and third years, either at the Bussey Institution or at Cambridge, such studies as may be found best to serve the individual aims and purposes of the candidate. The character of these advanced studies may vary very much with different students, for there is a wide range of studies at Cambridge bearing more or less intimately on agriculture, from which the candidate may pick and choose, with the advice and consent of his instructors. A general idea of the character of these advanced courses may be gained from the following examples: —

I. A student of *Agriculture* would naturally in his second and third years devote much time to advanced study, at the Bussey Institution, on Agriculture (for example, market gardening, fruit growing, and comparative farming, as influenced by soils and climates), Horticulture (ornamental plants and landscape gardening), Natural History (foods and feeding of cattle, dairying and stock-raising), the course in Land Surveying, and to Agricultural Chemistry (continued), and at Cambridge he would do well to study Geology, Physiography, Meteorology, Road-building, and Irrigation, together with Advanced Physics, German, and French. A fourth year might well be occupied with a continuation of the studies above mentioned and by research either in Agriculture, Horticulture, Applied Zoölogy, or Agricultural Chemistry.

In the case of a student whose earlier education had been less complete, the fourth year might be needed to finish this course. Such a student might study in his second year Elementary German, French, and Physics, in addition to some of the Bussey Institution studies of that year. By so doing he could prepare himself for the Cambridge courses of the third and fourth years, as cited above.

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II. A student of *Horticulture* would proceed much in the same way as the student of agriculture of the first example, with the difference that he would pursue Botany or the like, rather than Geology or subjects relating to cattle.

III. Any person intending to become a *Teacher of Agricultural Science* might continue to study Natural History and Agricultural Chemistry at the Bussey Institution during his second and third years, while he could study at Cambridge Advanced Botany and Zoölogy, Philosophy, Education and Teaching, and Scientific German, together with some Geology and French, and perhaps one optional course in addition. In his fourth year he would be expected to carry out a research of some kind.

FEES AND EXPENSES.

The regular fee for the academic year is *one hundred and fifty dollars;* for half or any less fraction of a year, *seventy-five dollars;* for any fraction of a year greater than one half, the fee for the whole year will be charged. The regular fee is charged also to those Special Students who devote themselves to continuous laboratory work in a single department of the School.

The tuition fees are remitted freely to regular students of intellectual ability and adequate schooling on the presentation of evidence that they or their parents are unable to pay any fee.

The other expenses of a student for an academic year, not including clothing and washing, may be estimated as follows: —

Room	$40.00	to	$100.00
Board for 38 weeks	133.00	to	200.00
Text Books and Instruments	15.00	to	20.00
Fuel and Lights	15.00	to	25.00
	$203.00	to	$345.00

Every student, when admitted, must give a bond in the sum of *two hundred dollars* to pay all charges accruing under the laws and customs of the University. The bond must be executed by two bondsmen, who must be satisfactory to the Bursar (office Dane Hall, Harvard Square, Cambridge), and one of whom must be a citizen of the United States, or by a surety company duly qualified to do business in Massachusetts. Instead of filing a bond a student may pay his tuition fee for the year in advance and deposit with the Bursar such a sum of money, not exceeding *fifty dollars*, as may be deemed sufficient to secure the payment of other School dues.

For further information, address Professor FRANCIS H. STORER, Jamaica Plain, Mass.

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THE ARNOLD ARBORETUM.

The Arnold Arboretum was founded in 1872, by the trustees under the will of JAMES ARNOLD, of New Bedford, for the purpose of scientific research and experiment in Arboriculture, Forestry, and Dendrology, and as a Museum of trees and shrubs suited to the climate of Massachusetts. The Arboretum occupies a portion of the Bussey Farm in West Roxbury, 220 acres in extent, and, under a special arrangement with the City of Boston, is open to the public every day in the year from sunrise to sunset. The living collections are supplemented by an Herbarium, Museum, and Library.

OFFICERS.

CHARLES SPRAGUE SARGENT, A.B., LL.D., DIRECTOR, and *Arnold Professor of Arboriculture.*

CHARLES EDWARD FAXON, S.B., *Assistant, in charge of Herbarium and Museum.*

JACKSON DAWSON, *Superintendent.*

Any one properly qualified to pursue the study of practical arboriculture or dendrology may be admitted to the Arboretum as a student. Such students will be permitted to take part in the work carried on in the Arboretum as well as to make use of its Library. They will also receive from the officers of the Arboretum such assistance and advice in the study of any branch of Arboriculture or Dendrology as can be rendered without interference with current work. In order to study with advantage in the Arboretum, the student should already possess such a degree of botanical knowledge as is implied in a thorough acquaintance with "Gray's Botanical Text Book," or any equivalent work. He must have some knowledge of horticultural methods and practice, and should be familiar with the native trees at least of the New England States.

Application for admission may be made to the Director, with whom the fees for instruction may be agreed upon. Fees may be remitted in consideration of services performed.

In the spring and autumn Mr. JOHN GEORGE JACK conducts a series of Lectures and Field Meetings on Saturday mornings for the purpose of supplying popular instruction about the Trees and Shrubs which grow in New England.

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The instruction given in these meetings is not technical, and a knowledge of descriptive botany is not essential for persons who wish to follow them. The intention is to indicate by comparison the easiest means of distinguishing the common native trees and shrubs as they appear in this part of the country, and of recognizing the foreign species which have been introduced into our gardens. The ornamental and useful properties of these trees and shrubs, their habits of growth, and other peculiarities may be considered; and the species or groups are studied with reference to their aspects in spring or autumn when the courses are given.

The fee for either the spring or autumn course is *six dollars*, payable in advance. The courses are open to both men and women.

Applications or further inquiries concerning this instruction may be addressed to Mr. J. G. Jack, Jamaica Plain, Mass.

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THE UNIVERSITY CHAPEL.

BOARD OF PREACHERS.

FRANCIS GREENWOOD PEABODY, D.D., *Plummer Professor of Christian Morals.*

FRANCIS BROWN, D.D., LL.D.
GEORGE FOOT MOORE, A.M., D.D.
WASHINGTON GLADDEN, D.D.
FLOYD WILLIAMS TOMKINS, D.D.
WILLIAM WALLACE FENN, S.T.B.

Preachers to the University for the year 1902–03.

There have also served on this Board since its foundation in 1886: —

EDWARD EVERETT HALE, D.D.
ALEXANDER MCKENZIE, D.D.
THEODORE C. WILLIAMS, S.T.B.
GEORGE A. GORDON, D.D.
PHILLIPS BROOKS, D.D.
WILLIAM LAWRENCE, D.D.
BROOKE HERFORD, D.D.
HENRY VAN DYKE, D.D.
LYMAN ABBOTT, D.D.
CHARLES CARROLL EVERETT, D.D.
WASHINGTON GLADDEN, D.D.
LEIGHTON PARKS, D.D.
J. ESTLIN CARPENTER, A.M.
E. WINCHESTER DONALD, D.D.
SAMUEL MCCHORD CROTHERS, D.D.
SIMON J. MCPHERSON, D.D.
JOHN H. VINCENT, D.D.
SAMUEL D. MCCONNELL, D.D.
PHILIP S. MOXOM, D.D.
WILLIAM WALLACE FENN, S.T.B.
GEORGE HARRIS, D.D.
GEORGE HODGES, D.D.
WILLIAM DEWITT HYDE, D.D.
WILLIAM H. P. FAUNCE, D.D.
WILLIAM J. TUCKER, D.D.
CHARLES CUTHBERT HALL, D.D.
ROBERT MACDONALD, S.T.B.
ENDICOTT PEABODY, LL.M., S.T.B.
PAUL REVERE FROTHINGHAM, A.M., S.T.B.

On May 10, 1886, a vote was passed by the President and Fellows "That five preachers to the University be annually appointed by the President and Fellows, with the concurrence of the Board of Overseers, who, in conjunction with the Plummer Professor of Christian Morals, shall arrange and conduct the religious services of the University." The Board of Overseers concurred in this vote on May 12, 1886, and in 1892 it was incorporated in the Statutes of the University.

On June 14, 1886, on the unanimous recommendation of the Preachers and the Plummer Professor, the President and Fellows voted "That the statute numbered 15, concerning religious exercises, be amended by striking out the clause, 'at which the attendance of the students is required'"; and on June 16 the Board of Overseers concurred in this vote. Attendance at the religious services of the University was thus, by the advice of those who conduct these services, made wholly voluntary.

The services in the University Chapel are directed by the Board of Preachers as follows: Each conducts daily morning prayers for about

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three weeks in each half-year, and each preaches on four Sunday evenings. The Preacher conducting morning prayers is in attendance every morning during his term of duty at Wadsworth House 1, and is at the immediate service of any student who may desire to consult him. On Thursday afternoons from November till May, vesper services are held in the University Chapel. These services are brief, largely musical, and with an address from one of the Preachers. Services on Sunday evenings are conducted by preachers of various communions by invitation of the Board of Preachers. The following invited preachers, in addition to the regularly appointed Board, conducted services during the year 1901–02: —

Rev. Pres. J. M. Taylor, D.D., of Poughkeepsie, N.Y.
Rev. J. M. Buckley, D.D., of New York, N.Y.
Rev. Prescott Evarts, of Cambridge.
Rt. Rev. William Lawrence, D.D., of Boston.
Rev. E. C. Moore, D.D., of Providence, R. I.
Rt. Rev. W. R. Huntington, D.D., of New York, N.Y.
Rev. Prof. W. W. Fenn, S.T.B., of Cambridge.
Rev. Edward Cummings, of Boston.
Rev. M. J. Savage, D.D., of New York, N.Y.
Rev. Pres. W. J. Tucker, D.D., of Hanover, N. H.
Rev. A. P. Stokes, Jr., of New Haven, Conn.
Rev. Edward Everett Hale, D.D., of Boston.
Rev. George Elliott, D.D., of Detroit, Mich.
Rev. A. H. Bradford, D.D., of Montclair, N.J.
Rev. W. Garrett Horder, of London, England.
Rev. James Eells, of Boston.

The Preachers are glad to have their attention called to any cases of special need where they may be useful, or to any better methods of serving the moral and religious interests of the University. General correspondence for the current academic year should be addressed to the Plummer Professor, though any Preacher will gladly consider such questions as may be more appropriately addressed to him.

The Phillips Brooks House, a memorial of the late Bishop of Massachusetts, now provides a well-equipped building for the accommodation and work of the Religious Societies of the University and for the encouragement of philanthropic activity on the part of students.

In addition to the opportunities for worship in Appleton Chapel, seats are provided for students, at the expense of the College, in the churches of the different denominations in Cambridge. St. John's Memorial Chapel of the Episcopal Theological School having been erected for the especial accommodation of Harvard students is free to them.

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THE UNIVERSITY LIBRARY.

COUNCIL.

CHARLES WILLIAM ELIOT, LL.D., *President.*
WILLIAM COOLIDGE LANE, A.B., *Librarian.*
CHARLES ELIOT NORTON, LL.D., *Professor of the History of Art, Emeritus.*
CRAWFORD HOWELL TOY, LL.D., *Professor of Hebrew.*
WILLIAM MORRIS DAVIS, M.E., *Professor of Geology.*
CHARLES GROSS, Ph.D., *Professor of History.*
MORRIS HICKY MORGAN, LL.D., *Professor of Classical Philology.*
GEORGE LYMAN KITTREDGE, LL.D., *Professor of English.*

COLLEGE LIBRARY.

WILLIAM COOLIDGE LANE, A.B., LIBRARIAN, and *Keeper of the University Records.*
WILLIAM HOPKINS TILLINGHAST, A.B., *Assistant Librarian.*
THOMAS J KIERNAN, A.M., *Superintendent of Circulation.*
ALFRED CLAGHORN POTTER, A.B., *Ordering Department.*
FRANK CARNEY, *Shelf Department.*
WALTER BENJAMIN BRIGGS, *Superintendent of Reading Room.*
THOMAS FRANKLIN CURRIER, A.B., *Catalogue Department.*
PERCY HARRINGTON TUFTS, A.B., *Assistant in Ordering Department.*

JAMES ATKINS NOYES, Ph.B., A.B., *Editor of the Quinquennial Catalogue.*
MALCOLM STORER, M.D., *Curator of Coins.*

The College Library in Gore Hall is for the use of the whole University. All students who have given bonds may take out books, three volumes at a time, and may keep them one month. Officers of the University have direct access to the shelves in all parts of the library, and students engaged

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in advanced work, upon recommendation by their instructors, are allowed access to those parts of the collection with which they are occupied. All students have the direct use of about 22,500 volumes in the reading room and the adjoining rooms. Of these 3200 are bound periodicals, 4400, miscellaneous reference books, 4800, government documents, and over 10,000 are books withdrawn from time to time from general circulation at the request of instructors and "reserved" on shelves in the reading room for use in connection with the courses of instruction. Students who leave Cambridge for an absence of more than one week must first return all borrowed books.

The College Library is open every week-day for the delivery of books, from 9 A.M. to 5.30 P.M., except Thanksgiving day, Christmas day, the Twenty-second of February, Patriots' day, Memorial day, the Fourth of July, and Labor day. The Reading Room is open from 9 A.M. to 10 P.M. During the summer vacation the library closes at 5.30 P.M., on Saturday at 1 P.M. On Sundays during term time the Library is open, for readers only, from 1 to 5.30 P.M.

The College Library may be consulted by anyone, when properly introduced, whether connected with the University or not. The privilege of borrowing books is also granted, under special regulations, to persons not connected with the University. *Blanks for making applications for such use may be had of the Librarian.*

SPECIAL LIBRARIES.

In addition to the College Library in Gore Hall, the University Library embraces the libraries of the several departments of the University, which are classed as Departmental Libraries, and a number of Special Reference Libraries maintained in the various branches of study pursued under the direction of the Faculty of Arts and Sciences.

The Departmental Libraries are in charge of the Deans and Directors of the several departments, or of Librarians named in the lists of officers of the departments. The Special Reference Libraries, with the names of their librarians, are enumerated (with some of the Departmental Libraries) on pages 440, 441.

Persons entitled to use the College Library can have access to the Departmental Libraries by applying to the Superintendent of Circulation at Gore Hall; but such libraries are primarily for the special use of the schools and departments, and are placed in the buildings belonging to such schools and departments.

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The several libraries now contain about the following numbers of bound volumes: —

Gore Hall	400,200
Bussey Institution (Jamaica Plain)	4,300
Phillips Library (Observatory)	10,400
Herbarium Library, Botanic Garden	8,000
Law School	67,600
Divinity School	32,500
Medical School (Boston)	2,300
Dental School	600
Museum of Comparative Zoölogy	34,500
Peabody Museum	2,800
Arnold Arboretum	8,900
Twenty-eight Special Reference Libraries	35,000
	607,100

The College Library has also some 265,000 pamphlets, a collection of maps numbering about 20,000 sheets, and a collection of coins. The departmental libraries have also considerable numbers of pamphlet monographs on subjects connected with their specialties; and these are not included in the count of volumes.

The catalogue of the Gore Hall Collection, including pamphlets, is on cards, accessible to the public, and consists of two parts, the one arranged by authors, the other by subjects. Printed strips of titles added to all the libraries are issued two or three times a week; and they are posted in Gore Hall and in the departmental libraries. These titles are also inserted in bound volumes of slips, kept in the Reading Room. A series of "Bibliographical Contributions" is in course of publication. Fifty-four of such publications have already been issued. More extensive bibliographical works constitute another series, "Special Publications," of which Scudder's "Catalogue of Scientific Serials" (1633–1876, 8vo, pp. 370) makes No. 1, published in 1879, and "An Index to the Subject Catalogue of Harvard College Library" makes No. 2, published in 1891. A Supplement to the same Index published in 1900 is No. 3. There has also been issued a Catalogue of the Gray Collection of Engravings (4to, 1869); this collection is in the Fogg Museum of Art.

The Librarian has the custody of the Archives of the University, as well as of the University Collection, which includes printed material of all sorts, illustrating the history of the College and University.

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LABORATORIES.

THE CHEMICAL LABORATORY.

OFFICERS.

HENRY BARKER HILL, A.M., DIRECTOR, and *Professor of Chemistry.*
CHARLES LORING JACKSON, A.M., *Erving Professor of Chemistry.*
CHARLES ROBERT SANGER, Ph.D., *Assistant Professor of Chemistry.*
THEODORE WILLIAM RICHARDS, Ph.D., *Professor of Chemistry.*
OTIS FISHER BLACK, A.M., *Assistant in Chemical Laboratory.*
DANIEL FRANCIS CALHANE, A.M., *Assistant in Descriptive Chemistry.*
GREGORY PAUL BAXTER, Ph.D., *Instructor in Analytical Chemistry.*
GILBERT NEWTON LEWIS, Ph.D., *Instructor in Physical Chemistry.*
KENNETH LAMARTINE MARK, A.M., *Assistant in Descriptive Chemistry.*
GUSTAVE EDWARD BEHR, Jr., S.M., *Assistant in Descriptive Chemistry.*
MURRAY ARNOLD HINES, A.M., *Assistant in Quantitative Analysis.*
FREDERIC BONNET, Jr., S.M., *Assistant in Qualitative Analysis.*
MAURICE LAWRENCE MCCARTHY, A.B., *Assistant in Qualitative Analysis.*
ROGER CLARK WELLS, A.B., *Austin Teaching Fellow in Physical Chemistry.*
ARTHUR DICKINSON WYMAN, A.M., *Assistant in Descriptive Chemistry.*
ALFRED MUNSON BUTLER, A.B., *Assistant in Qualitative Analysis.*
HENRY AVERY CARLTON, A.B., *Assistant in Descriptive Chemistry.*
CHARLES EMERSON CORSON, A.B., *Assistant in Descriptive Chemistry.*
GEORGE SHANNON FORBES, A.B., *Assistant in Quantitative Analysis.*
JOHN FRANK LANGMAID, A.B., *Assistant in Descriptive Chemistry.*
FREDERICK WILLIAM RUSSE, A.B., *Assistant in Organic Chemistry.*
HOLLAND EDWARD BENEDICT, *Assistant in Descriptive Chemistry.*
RICHARD FAY JACKSON, *Assistant in Descriptive Chemistry.*

The Division of Chemistry of the Faculty of Arts and Sciences occupies the whole of Boylston Hall.

Boylston Hall was erected in 1857 with a fund bequeathed by the late WARD NICHOLAS BOYLSTON, which was subsequently largely increased by subscription. The hall was enlarged by the addition of a third story in 1870, and the accommodations were still further extended in 1891 and 1902. Besides several private laboratories and preparation rooms, the building contains nine large laboratories for students. A room on

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the upper story with one hundred and ninety-six places is especially devoted to qualitative analysis. A large laboratory at the west end is fitted with all the modern appliances for the study of organic chemistry; there is also a room for work in advanced quantitative analysis. On the lower story a laboratory with forty-four places is reserved wholly for quantitative work, and connected with it is a laboratory, with twelve desks, especially fitted up for advanced work in inorganic chemistry. On the same story are two rooms devoted to work in physical chemistry; and further a large laboratory with ninety-six places for the most elementary class. In the basement are two laboratories for work in descriptive chemistry with four hundred and ninety-two places. On the second story are three lecture-rooms, a reading-room, departmental library, and a chemical museum.

All the courses of instruction in Chemistry to students of Harvard College, of the Lawrence Scientific School, and of the Graduate School, are given in Boylston Hall. The laboratories are open to Special Students to follow any line of chemical investigation. The facilities for research are unusually great.

THE JEFFERSON PHYSICAL LABORATORY.

OFFICERS.

JOHN TROWBRIDGE, S.D., DIRECTOR, and *Rumford Professor and Lecturer on the Application of Science to the Useful Arts.*
EDWIN HERBERT HALL, Ph.D., *Professor of Physics.*
BENJAMIN OSGOOD PEIRCE, Ph.D., *Hollis Professor of Mathematics and Natural Philosophy.*
WALLACE CLEMENT SABINE, A.M., *Assistant Professor of Physics.*
THOMAS CALVIN MCKAY, A.M., *Assistant.*
GEORGE WASHINGTON PIERCE, Ph.D., *Instructor.*
LEWIS DANA HILL, A.M., *Austin Teaching Fellow.*
THEODORE LYMAN, Ph.D., *Instructor.*
HARRY WHEELER MORSE, Ph.D., *Instructor.*
CHARLES HAMILTON AYRES, Ph.D., *Instructor.*
SCHUYLER B SERVISS, A.B., *Assistant.*

GEORGE W. THOMPSON, *Mechanician.*
WILHELM E. OELLING, *Glass-blower.*

In 1881, Mr. THOMAS JEFFERSON COOLIDGE, of Boston, of the Class of 1850, Minister to France 1888–96, gave $115,000 to the College for a new Physical Laboratory, on condition that $75,000 should be raised by subscription and the income appropriated to its support. He has also given a fund for original research which yields $2500 a year. There

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is also a fund for original research entitled the JOSEPH LOVERING fund which yields between $300 and $400 a year. The building was finished in October, 1884, and is called the Jefferson Physical Laboratory. All the instruction in Physics, by recitations, lectures, and experimental work, to students of Harvard College, of the Lawrence Scientific School, and of the Graduate School, is given in this building, which accommodates the various physical cabinets. The building is four stories high, if the basement is included. In the eastern wing the whole height is divided between a large lecture-room below, and the great laboratory above. In the central and western portions of the building are three recitation-rooms for sections of forty or less; but the principal part of the central and western portions is broken up into a large number of small rooms, where the professors, assistants, and advanced students can pursue their separate investigations, and be secured against intrusion, or any disturbance of their instruments. In the basement and first story, stone tables, each supported by its own column of masonry, and without contact with the floors, furnish firm support for these instruments. In the centre of the western wing a large rectangular tower stands on an independent foundation, and is isolated from the surrounding rooms. It is designed for investigations which demand extraordinary stability, or a great height: as in Foucault's pendulum-experiment. Small openings have been left in the brick partitions which divide the length of the building, by means of which a long path is available for such experiments as that on the velocity of light. In the western wing, iron nails and pipes, which would disturb delicate experiments in magnetism, were excluded in the construction of the building. In the bottom of the tower is a small underground room which may be used for experiments requiring a constant temperature.

A room is devoted to the accurate measurement of electrical resistances and is provided with standard coils.

A comparator for the measurement and comparison of standards of length occupies a room in the basement of the Laboratory.

The photographic room adjoins a large space on the fourth floor, which contains the rooms especially arranged for spectrum analysis. There are four principal laboratory rooms. One of these is 40x60 feet and is devoted to elementary laboratory instruction. The laboratory for advanced instruction in electricity is in the basement and is provided with instruments of the latest type. A machine room is supplied with power from an electric motor. In this room is a milling machine, a large machine lathe, a smaller lathe, and other mechanical appliances for designing and making apparatus. The machine room is under the charge of a skilled mechanician. Power can also be obtained from a twenty-five-horse-power engine which is placed in a house outside of the Laboratory.

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THE PSYCHOLOGICAL LABORATORY.

OFFICERS.

HUGO MÜNSTERBERG, Ph.D., M.D., *Professor of Psychology.*
EDWIN BISSELL HOLT, Ph.D., *Instructor in Psychology.*
ROBERT MEARNS YERKES, Ph.D., *Instructor in Psychology.*

The Psychological Laboratory, founded in 1891, occupies the second floor of Dane Hall and consists of eleven rooms. One room is used as a reading-room; two are fitted up as dark rooms, and three are given over to experiments on the mental processes of animals. The very complete collection of apparatus is adapted in the first place to the purposes of original research work in all fields of experimental psychology, especially to the study of the perceptions, ideas, feelings, emotions, and volitions, and offers unusually great facilities for research. Secondly, it serves for training of beginners in experiment, especially by a full material for the study of sensations and reactions. Thirdly, its large demonstration apparatus furnishes ample material for the experimental illustration of the psychological lecture courses. The psychological apparatus is supplemented by material and instruments for the study of the physiological processes which accompany mental life, and by the technical outfit of a workshop.

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MUSEUMS.

The University has the following Museums:—

The University Museum, including Natural History Collections and Laboratories, the Semitic Museum, the William Hayes Fogg Museum of Art, and the Germanic Museum, all situated in Cambridge. The University also possesses museums at the Medical School, at the Dental School, and at the Arnold Arboretum.

THE UNIVERSITY MUSEUM.

DIRECTOR.

ALEXANDER AGASSIZ, LL.D.

COMMITTEE.

ALEXANDER AGASSIZ, LL.D.
HENRY PICKERING WALCOTT, M.D.
GEORGE LINCOLN GOODALE, M.D., LL.D.
FREDERIC WARD PUTNAM, A.M., S.D.
WILLIAM MORRIS DAVIS, M.E.
EDWARD LAURENS MARK, Ph.D., LL.D.
JOHN ELIOT WOLFF, Ph.D.
WILLIAM MCMICHAEL WOODWORTH, Ph.D.

The University Museum building consists of a Central division, a North wing, and a South wing; the latter not yet completed.

In this building are the Zoölogical section, known as the Museum of Comparative Zoölogy, the Botanical section, the Mineralogical section, the Geological section, and the Anthropological section, known as the Peabody Museum of American Archaeology and Ethnology. Each section contains exhibition rooms open to the public, storage collections for scientific research, and laboratories for students and investigators.

The entrances to the Museum of Comparative Zoölogy and the Peabody Museum are from Divinity Avenue. The entrance to the Central section is from Oxford Street.

The Museum of Comparative Zoölogy occupies the whole of the North wing and part of the Central division. The Zoölogical and Palaeonto-

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logical Laboratories are in the part of the Central division contiguous to the Museum of Comparative Zoölogy. The Botanical section, the Mineralogical section, and the Geological section follow in the Central division in the order named. The Peabody Museum occupies the South wing of the building as far as built.

ASSOCIATES OF THE UNIVERSITY MUSEUM.

Annual honorary appointments to the position of Associate of the University Museum are made by the Corporation on nomination of the Committee on the University Museum. Associates are persons qualified for and engaged in research or exploration independent of other educational or scientific associations. Those appointed for the year 1902–03 are: —

ANDREW GRAY WEEKS, Jr., *Associate in Zoölogy.*
HERBERT HAVILAND FIELD, Ph.D., *Associate in Zoölogy.*
ROBERT LEMOYNE BARRETT, A.B., *Associate in Geography.*

THE MUSEUM OF COMPARATIVE ZOÖLOGY.

FACULTY.

CHARLES WILLIAM ELIOT, A.M., LL.D., PRESIDENT.
——— ———, CURATOR.
GEORGE LINCOLN GOODALE, M.D., LL.D. } *Committee on the*
HENRY PICKERING WALCOTT, A.B., M.D. } *Museum.*
ALEXANDER AGASSIZ, LL.D., *Secretary.*

OFFICERS.

WILLIAM MCMICHAEL WOODWORTH, Ph.D., *Keeper.*
WILLIAM MORRIS DAVIS, M.E., *Sturgis-Hooper Professor of Geology.*
WALTER FAXON, S.D., *Assistant in charge of Mollusca and Crustacea.*
SAMUEL GARMAN, A.M., *Assistant in Herpetology and Ichthyology.*
WILLIAM BREWSTER, A.M., *Assistant in Ornithology.*
SAMUEL HENSHAW, *Assistant in Entomology*, and *Librarian.*
CHARLES ROCHESTER EASTMAN, Ph.D., *Assistant in Vertebrate Palaeontology.*
OUTRAM BANGS, *Assistant in Mammalogy.*
FRANCES MARY SLACK, *Librarian Emerita.*
MAGNUS WESTERGREN, *Artist.*

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The Museum of Comparative Zoölogy was founded in 1859 by private subscription with the assistance of the State of Massachusetts. In 1876 the property in the hands of the Trustees was transferred to the President and Fellows of Harvard College.

The Museum is under the management of a Faculty, who nominate the Curator and the Sturgis-Hooper Professor, and appoint the Assistants.

The Curator is charged with the direction of the scientific and educational interests of the Museum, as well as of its relations to the public.

The Exhibition Rooms open to the public are the Synoptic Room, the rooms containing the various systematic collections, those devoted to the various faunal collections (Europe, North and South America, Indo-Asia, Africa, Australia, and the Atlantic and Pacific Oceans); also the rooms devoted to special collections and to the Quaternary, Tertiary, and Mesozoic fossils.

The collections are open, Christmas and the Fourth of July excepted, every week-day, from 9 A.M. till 5 P.M., and on Sunday, from 1 P.M. till 5 P.M. Entrance on the south side of the North wing.

The publications of the Museum consist of an annual Report (1861–1902), of an octavo Bulletin (vols. i.–XLI.), and of Memoirs in quarto (vols. i.–XXVIII.). The Bulletin and Memoirs are devoted to the publication of original work by the Officers of the Museum, of investigations carried on by Professors, Students and others in the different laboratories of Natural History, and of work by Specialists based upon the Museum collections and explorations.

The Library of the Museum is on the second floor of the north end of the central section of the University Museum. It contains over 34,000 volumes, exclusive of a part of the Whitney Library, and of about 28,000 pamphlets. The Library is open, daily except Sunday, from 9 A.M. to 5 P.M.

LABORATORIES OF ZOÖLOGY AND PALAEONTOLOGY.

The Laboratories of Zoölogy and Palaeontology are in the north end of the Central section of the University Museum.

The courses of instruction in the various branches of Zoölogy, including Palaeontology, are given in the Zoölogical and Palaeontological laboratories.

The Assistants of the Museum also receive specialists in their respective departments.

Two of the tables of the U. S. Fish Commission Station at Wood's Hole are at the disposal of the Faculty of the Museum, to whom application should be made before the first of May. Candidates should specify their qualifications and the work they intend to carry on.

The income of the Humboldt Fund (about $400) is applied, with the advice of the Faculty of the Museum of Comparative Zoölogy, towards

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the maintenance of one or more persons engaged in study at the Museum, or at the Wood's Hole Fish Commission Station. This fund, now amounting to about eight thousand dollars, was given to the Trustees of the Museum by the BOSTON SOCIETY OF NATURAL HISTORY in November, 1869. It was derived from the proceeds of a celebration, held in Boston in 1869, the year of the centennial anniversary of the birth of ALEXANDER VON HUMBOLDT, augmented by a special subscription and by money received from the sale of an address delivered on the occasion of the celebration by Professor LOUIS AGASSIZ.

The VIRGINIA BARRET GIBBS SCHOLARSHIP, of the value of $250, is assigned annually with the approval of the Faculty of the Museum at the recommendation of the Professors of Zoölogy and of Comparative Anatomy in Harvard University "in supporting or assisting to support one or more students who may have shown decided talents in Zoölogy and preferably in the direction of Marine Zoölogy."

THE ZOÖLOGICAL LABORATORIES.

OFFICERS.

EDWARD LAURENS MARK, Ph.D., LL.D., DIRECTOR, and *Hersey Professor of Anatomy.*
ROBERT TRACY JACKSON, S.D., *Assistant Professor of Palaeontology.*
GEORGE HOWARD PARKER, S.D., *Assistant Professor of Zoölogy.*
WILLIAM ERNEST CASTLE, Ph.D., *Instructor in Zoölogy.*
HERBERT WILBUR RAND, Ph.D., *Instructor in Zoölogy.*
GRANT SMITH, S.M., *Assistant.*
AMOS WILLIAM PETERS, A.M., *Assistant.*
FREDERIC WALTON CARPENTER, A.M., *Assistant.*

The Zoölogical Laboratories were moved in the autumn of 1883 from the east end of the North wing into the north end of the Central section of the Museum, built by Mr. ALEXANDER AGASSIZ to accommodate the laboratories of Natural History. The following rooms are now occupied. On the fifth floor a large room for research work; on the fourth four laboratories and lecture rooms, and four private rooms for instructors; on the first a lecture room seating 300, and three laboratories and lecture rooms; in the basement, above ground, two rooms for experimental and breeding purposes, an aquarium room and a vivarium room, furnished with the necessary aquaria, aerating apparatus, cages, and pens, a room for photographic work and experiments involving the use of special light appliances, a photographic dark room, and a work shop. All the ordinary apparatus for carrying on investigations, as well as for class work, are regularly assigned to students, and special needs are met as occasions arise. The books most needed in connection with class instruction are in both the Library of the Zoölogical Laboratory and the Museum Library. For the zoölogist there are probably no better library facilities in America

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than those of Boston and Cambridge. The results of the investigations carried on in the Laboratory are published as "Contributions from the Zoölogical Laboratory," mostly in the Bulletin of the Museum of Comparative Zoölogy, and a list of them is printed annually in the reports of the President of the University and of the Keeper of the Museum. The facilities offered to students in Zoölogy for work at the seashore are stated on page 640.

THE BOTANICAL MUSEUM.

OFFICERS.

GEORGE LINCOLN GOODALE, M.D., LL.D., *Fisher Professor of Natural History.*
WILLIAM GILSON FARLOW, M.D., LL.D., *Professor of Cryptogamic Botany.*
ROBERT TRACY JACKSON, S.D., *Assistant Professor of Palaeontology.*
ARTHUR BLISS SEYMOUR, S.M., *Assistant in Cryptogamic Herbarium.*
RUDOLPH BLASCHKA, *Artist-naturalist.*

The collections at present accessible to the public are on the third floor of the central section of the University Museum and on the landing of the first floor. They are designed to illustrate the principal systematic, biological, and economic relations of plants. The large and increasing WARE COLLECTION of glass models of flowers, prepared by the artists, Leopold and Rudolph Blaschka of Germany, occupies the large exhibition room. Contiguous rooms contain collections of economic products, and on the landing of the first floor is to be found a collection of Cryptogams. In the basement is stored the large collection of Fossil plants, now in process of arrangement.

LABORATORIES OF CRYPTOGAMIC AND PHANEROGAMIC BOTANY.

OFFICERS.

GEORGE LINCOLN GOODALE, M.D., LL.D., *Fisher Professor of Natural History.*
ROLAND THAXTER, Ph.D., *Professor of Cryptogamic Botany.*
EDWARD CHARLES JEFFREY, Ph.D., *Assistant Professor of Vegetable Histology.*
EDGAR WILLIAM OLIVE, S.M., Ph.D., *Instructor in Botany.*
OAKES AMES, A.M., *Instructor in Botany.*
ALBERT FRANCIS BLAKESLEE, A.M., *Austin Teaching Fellow in Botany.*
AMON BENTON PLOWMAN, A.M., *Assistant in Botany.*
JOHN ROBERT JOHNSTON, B.S., *Austin Teaching Fellow in Botany.*

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The Cryptogamic Laboratories occupy the whole of the fifth floor (60 x 120 feet). Here is also kept the extensive Herbarium of Algae, Fungi, Lichens, Mosses, and Hepatics. Those desiring to consult the Herbarium should apply to Professor FARLOW.

The Laboratories of Phanerogamic Botany are on the second floor, and are supplemented by private workrooms in other parts of the botanical section.

The N. C. NASH BOTANICAL LECTURE-ROOM, the gift of a graduate in memory of his father, is on the first floor of the Museum.

THE MINERALOGICAL MUSEUM.

CURATOR.

JOHN ELIOT WOLFF, Ph.D., *Professor of Petrography and Mineralogy.*

The mineralogical section of the University Museum, built in 1890–91 with a fund of about $50,000, raised wholly by subscription, forms the southern-central part of the University Museum. Entrance is by the middle door on Oxford Street.

The exhibition room and gallery occupy the third and fourth floors and are open to the public on Wednesday and Sunday afternoons from 1 to 5, and Saturday from 9 to 5.

The main mineralogical collections of the University are deposited here; they contain on the ground floor and gallery the large systematic collection with special features and collections, such as the J. Lawrence Smith collection of meteorites, the William Sturgis Bigelow agates, the Hamlin collection of tourmalines, and many unique specimens presented by James A. Garland and others.

MINERALOGICAL LABORATORIES.

OFFICERS.

CHARLES LORING JACKSON, A.M., *Erving Professor of Chemistry.*
CHARLES PALACHE, Ph.D., *Assistant Professor of Mineralogy.*
HARRY OSCAR WOOD, A.B., *Assistant in Mineralogy and Petrography.*

The Laboratories of Mineralogy and Petrography occupy basement, first and second floors, and contain a laboratory for advanced crystallographic investigation and optical mineralogy on the second floor; the large lecture-room, general laboratory for elementary mineralogy and blow-pipe analysis, special laboratory and library on the first floor, and in the basement a chemical laboratory equipped for mineral and rock analysis, and a work shop.

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The courses in mineralogy, crystallography, and petrography are given in these laboratories, where the instructors also receive properly qualified students who wish to follow special lines of mineralogical research.

THE GEOLOGICAL MUSEUM.

The Geological section of the University Museum was built in 1900–01 by the family of Mr. Agassiz and forms the southeastern corner of the building, with entrances from Oxford Street and Divinity Avenue.

The exhibition rooms are on the third floor: they are not yet arranged, but the Curtis model of the Boston Metropolitan district, exhibited in Paris in 1900 and afterwards presented to the University by the Commonwealth, may be seen in the southeast room.

GEOLOGICAL AND GEOGRAPHICAL LABORATORIES.

OFFICERS.

NATHANIEL SOUTHGATE SHALER, S.D., *Professor of Geology.*
WILLIAM MORRIS DAVIS, M.E., *Sturgis Hooper Professor of Geology.*
ROBERT TRACY JACKSON, S.D., *Assistant Professor of Palaeontology.*
ROBERT DECOURCY WARD, A.M., *Assistant Professor of Climatology.*
JAY BACKUS WOODWORTH, S.B., *Assistant Professor of Geology.*
THOMAS AUGUSTUS JAGGAR, Jr., Ph.D., *Instructor in Geology.*
MOTTE ALSTON READ, S.B., *Assistant in Geology.*
JOSEPH AUGUSTINE CUSHMAN, *Assistant in Palaeontology.*
JAMES WALTER GOLDTHWAIT, A.B., *Assistant in Geology.*
FREDERICK MASON WILDER, S.B., *Assistant in Physiography.*

The first floor of the Geological section contains a large lecture room and a professor's room. The GARDNER COLLECTION of Geological and Geographical photographs is kept in cases in the hall. The second floor contains a geological laboratory, especially designed for large classes of beginners: sixty students can be seated at the work-tables. A professor's room adjoins the laboratory. The fourth floor contains a large geographical laboratory, with adjoining rooms for smaller classes in physiography and climatology. The fifth floor is chiefly devoted to students in field geology; but contains also a small lecture room and a room at present used for experimental geology, for which there is additional well-lighted room in the basement.

The Geological series of the *Bulletin* of the Museum of Comparative Zoölogy furnishes opportunity for publication by officers and students of the Geological Department.

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THE PEABODY MUSEUM

OF

AMERICAN ARCHAEOLOGY AND ETHNOLOGY.

FACULTY.

CHARLES WILLIAM ELIOT, A.M., LL.D., PRESIDENT.
FREDERIC WARD PUTNAM, A.M., S.D., SECRETARY.
STEPHEN SALISBURY, A.M., LL.B.
CHARLES PICKERING BOWDITCH, A.M.
FRANCIS CABOT LOWELL, A.B.

OFFICERS.

FREDERIC WARD PUTNAM, A.M., S.D., CURATOR.
CHARLES C. WILLOUGHBY, *Assistant Curator.*
ALICE C. FLETCHER, *Assistant in Ethnology* (Holder of the Thaw Fellowship).
ZELIA NUTTALL, *Honorary Assistant in Mexican Archaeology.*
JANE SMITH, *Assistant Librarian.*
FRANCES H. MEAD, *Assistant* and *Secretary.*
GEORGE BYRON GORDON, *Assistant in Central American Archaeology* (Holder of the Hemenway Fellowship).
DAVID I. BUSHNELL, JR., *Assistant in North American Archaeology.*

LABORATORIES OF ARCHAEOLOGY AND ETHNOLOGY.

OFFICERS.

FREDERIC WARD PUTNAM, A.M., S.D., *Peabody Professor of American Archaeology and Ethnology.*
FRANK RUSSELL, Ph.D., *Instructor in Anthropology.*
ROLAND BURRAGE DIXON, Ph.D., *Instructor in Anthropology.*
WILLIAM CURTIS FARABEE, A.M., *Austin Teaching Fellow in Anthropology.*

The Peabody Museum, which is the anthropological section of the University Museum, was founded by GEORGE PEABODY in 1866. In January, 1897, the Trustees of the Museum transferred the property held by them to the President and Fellows of Harvard College. The entrance to the Museum is from Divinity Avenue. The present building is one half of the contemplated structure which will form the southern wing of the University Museum. The Museum is in charge of the Curator, and is open to the public, under proper restrictions, from 9 A.M.

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to 5 P.M. (or until dark) throughout the year, Sundays and holidays excepted. The arrangement of the collections is intended to facilitate research in General Anthropology with special reference to American and Comparative Archaeology and Ethnology.

With the exception of the human crania and skeletons in the upper halls, the collections are so arranged that those from each limited region are brought together. Thus, in the large hall on the first floor are the exhibits illustrating the life and customs of many of the tribes of North American Indians. In the Warren Ethnological Gallery are the Polynesian, Melanesian, Asiatic, and African collections. The Mary Hemenway collection from Arizona occupies one of the upper halls and a gallery on the floor below. The exhibits from Peru and other parts of South America are in a hall on the second floor. Those from Mexico and Central America, including the casts of large sculptures from the ruins of Copan and Quirigua, many original stone sculptures, pottery, ornaments, and other objects, secured by the Museum expeditions to Honduras, Guatemala and Yucatan, are in the central hall and large room on the second floor. In another hall are the comparative exhibits of the St. John's, the Delaware, and the Little Miami valleys. The collections from the mounds and earthworks are in a hall on the first floor. In another room are the exhibits from the Swiss lakes, from the French caves, and from Denmark and other European localities.

The Anthropological Library, containing 2,677 volumes and 2,800 pamphlets, is open to members of the University. The publications of the Museum consist of Annual Reports, Special Papers, and Memoirs.

In the laboratories and lecture rooms of the Museum regular College courses of instruction are given in several branches of Anthropology. Research courses in Archaeology, Ethnology, and Somatology are open to students in the Graduate School and, by special permission, to properly qualified undergraduates. (See page 421.)

The Serpent Mound Park in Adams County, Ohio, which contains the ancient earthwork known as the Serpent Mound, has been transferred to the Ohio State Archaeological and Historical Society for perpetual care as a public park.

In addition to the scholarships and fellowships annually awarded to Graduate Students on nomination by the Faculty of Arts and Sciences, the following are available only for students in the Division of American Archaeology and Ethnology, and are awarded on nomination by the Faculty of the Peabody Museum: — The Hemenway Fellowship, the Thaw Fellowship, and the Winthrop Scholarship. The incomes of the Huntington-Frothingham-Wolcott Fund, the Henry Warren Fund, and the Mrs. S. D. Warren Fund are available for special research in the field under the direction of the Curator.

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THE SEMITIC MUSEUM.

CURATOR.

DAVID GORDON LYON, Ph.D., D.D., *Hollis Professor of Divinity.*

The SEMITIC MUSEUM was founded by JACOB H. SCHIFF, Esq., who in 1889 gave $10,000 for this object. The collections bought with this money have until 1902 occupied a room in the Peabody Museum, where they were formally opened on May 13, 1891. The objects aimed at have been to aid the regular instruction given in the department; to furnish the means of research; to illustrate the manners, customs, and history of the Semitic peoples; and thus to show, as far as may be, what the Semites have contributed to civilization.

Besides the $10,000 Mr. SCHIFF has made various additional contributions to the collections. Other friends have likewise made valuable gifts, and in 1899 about one hundred of these gave the sum of $19,240 to make further purchases.

The Museum Building, on Divinity Avenue, is likewise the gift of Mr. SCHIFF. It was completed in 1902, and has cost with furniture and cases about $80,000. It was designed as the home of the Semitic instruction, the departmental library, and the collections.

On the first floor is the library, also three lecture rooms, seating 20, 50, and 165 persons respectively.

On the second floor are the Curator's room and a room for exhibits, about 80 by 50 feet. The latter is the Assyrian room, and contains the large collection of casts of Assyrian, Babylonian, and Hittite bas-reliefs and monuments, from originals in London, Paris, Berlin, and Constantinople; the stone and clay tablets written in cuneiform; the cylinder seals; and other objects in bronze, clay, and stone of Babylonian-Assyrian origin.

On the third floor are a students' working room and the Palestinian exhibition room, of the same size as the Assyrian room. The Palestinian room will contain the objects from Palestine proper, Moab, Arabia, Egypt, Phoenicia, Syria, and Persia; such as stone inscriptions, manuscripts, coins, pottery, glass vases, bronzes, bas-reliefs, sarcophagi, models, costumes, photographs, and specimens of natural history (geology, flora, fauna), etc.

So far as practicable the arrangement in both rooms is geographical, chronological, and topical. It is hoped that the Museum may be open to the public by March, 1903. The hours will be 9 A.M. to 5 P.M., Sundays and holidays excepted.

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THE WILLIAM HAYES FOGG ART MUSEUM.

DIRECTOR.

CHARLES HERBERT MOORE, A.M., *Professor of Art.*

The WILLIAM HAYES FOGG ART MUSEUM was founded by Mrs. ELIZABETH FOGG of New York in memory of her husband, whose name it bears. Mrs. Fogg bequeathed to the President and Fellows for this purpose the sum of $220,000. Of this amount $150,000 was expended on the handsome fire-proof building which was completed in 1895 and is situated in the College Yard facing on Broadway. The building is of two stories, with a large lecture room, having a seating capacity of about five hundred, attached. On the ground floor is a large hall for casts, with five smaller rooms for casts and other objects. The upper floor has a large gallery and four smaller rooms for the exhibition of works of art and for administration. The collections thus far consist of casts from important works in sculpture of the ancient, mediaeval, and Renaissance epochs, a classified collection of electrotypes from Greek and Roman coins, a small series of Greek vases, and a large and growing collection of photographs of works of art of all epochs and countries, including architecture, sculpture, and painting. These photographs are conveniently classified and catalogued; and are at all times accessible to members of the University and other visitors.

In the larger east room on the upper floor is deposited the GRAY COLLECTION OF ENGRAVINGS. This important and very valuable collection was bequeathed to Harvard College, with provision for its increase and maintenance, by the Hon. FRANCIS CALLEY GRAY, LL.D., of the Class of 1809. It was first deposited in Gore Hall under the care of Mr. Louis Thies, who prepared and published an elaborate Catalogue, which forms a quarto volume of 530 pages. On the death of Mr. Thies, Dr. Ezra Abbott became its custodian; and later the Corporation appointed Mr. (now Professor) George H. Palmer its curator. On the completion of the building of the BOSTON MUSEUM OF FINE ARTS (the College having as yet no suitable place for its safe keeping and administration), it was loaned, for a term of seven years, to the Trustees of that institution and removed to Boston. Its first custodian in Boston was Mr. Erastus Brainerd, who was succeeded by Mr. E. H. Greenleaf. Later, it passed into the able curatorship of Mr. S. R. Koehler. The loan to the Trustees of the Boston Museum of Fine Arts was twice renewed, and in the autumn of 1897 the Corporation caused it to be returned to Cambridge and deposited in its present safe and convenient quarters under the care of the

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Director of the Museum — where it is always accessible to members of the University and to the public.

The Fogg Museum also contains the RANDALL COLLECTION OF ENGRAVINGS, which was bequeathed to Harvard College by the late JOHN WITT RANDALL, A.M., M.D., of the Class of 1834. This collection contains about twenty thousand prints and drawings; and is accessible at all times under the rules and regulations which apply to the Gray Collection.

In addition the Museum has lately acquired, as an indefinite loan, a select collection of original works of art, among which are: A Greek marble statue of Meleager, found near Rome in 1895 (an example of the finest Greek sculpture of the 4th century B.C.); a Greco-Roman sarcophagus relief in marble representing a Battle of Amazons; a small Aphrodite head in marble; a Florentine *Tabernacolo* of the 15th century in tempera; an Adoration of the Magi of the school of Ferrara (also of the 15th century); a portrait of a Procurator of St. Mark, a Venetian oil painting of the 16th century, having the characteristics of the work of Tintoretto; and several other important original works of Italian painting and ancient sculpture. And, as a gift from members of the Class of 1895, a marble statue of Aphrodite, which is a very beautiful original work of Greek sculpture.

The Museum is open daily from 9 until 5 o'clock. On Sundays it is open from 1 until 5 in the afternoon.

THE GERMANIC MUSEUM.

CURATOR.

KUNO FRANCKE, Ph.D., *Professor of German Literature.*

The GERMANIC MUSEUM was established during the present academic year, as the result of collections undertaken by the Visiting Board of the Germanic Department and by the Germanic Museum Association. It is temporarily installed in the Rogers Building. Its object is to illustrate by means of plaster casts and other kinds of reproduction the outward aspect of the development of Germanic civilization.

The present collection, apart from a large number of photographs of German architectural and sculptural monuments chiefly from the Königlich Preussische Messbildanstalt, contains models and reproductions of representative works of German industry and art from the 4th to the 16th century. Among them are the following: — A model of the Nydam Boat, from the Museum of Kiel (4th century); a figure of

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a Frankish Warrior, from the Museum of Mainz (7th century); the Bernward Column of Hildesheim Cathedral (11th century); Choir Screen of St. Michaels' at Hildesheim (12th century); statues of Emperor Henry II, Empress Kunigunde and a Sibyl from Bamberg Cathedral (13th century); statues of a Wise and a Foolish Virgin and of two Virtues, and a relief of the Death of Mary from Strassburg Cathedral (13th century); the Praying Virgin of the Germanic Museum at Nürnberg (15th century); Peter Vischer's Tomb of Count and Countess of Henneberg at Römhild and statue of King Arthur at Innsbruck; statue of Emperor Maximilian from his Tomb at Innsbruck; reliefs and statuettes from Brüggemann's Altarpiece at Schleswig Cathedral; Renaissance door from the Hirschvogel Saal, Nürnberg; galvanoplastic reproductions of plaquettes by Floetner and other masters of the 16th century.

Large and important additions to this collection have been promised by the German Emperor, the Swiss Government and a Committee of German citizens at Berlin. These donations are expected to arrive during the present academic year.

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BOTANIC GARDEN AND HERBARIUM.

THE BOTANIC GARDEN.

OFFICERS.

GEORGE LINCOLN GOODALE, M.D., LL.D., DIRECTOR, and *Fisher Professor of Natural History.*
OAKES AMES, A.M., *Assistant Director of the Botanic Garden.*
ROBERT CAMERON, *Head Gardener.*

The BOTANIC GARDEN, founded in 1807, occupies about seven acres of land at the corner of Linnaean and Garden Streets, Cambridge. More than five thousand species of flowering plants are cultivated for educational and scientific purposes.

The range of greenhouses comprises fourteen divisions assigned respectively to: — (1) Desert plants for illustrations in ecology. (2) Cactus conservatory. (3) Economic plants. (4) Palms and their allies. (5) Mexican plants and ferns. (6) Potting shed. (7) Tropical orchids, aroids, etc. (8) Australasian plants. (9) Winter blooming roses and other decorative plants. (10), (11) Devoted to experimental work in vegetable physiology. (12) Propagating house. (13) Potting shed. (14) Devoted to the more common classes of flowering plants, and for raising Herbaceous plants.

The space at the northwestern part of the Garden is devoted to an exhibition of a large number of our North American species, with special reference to their morphology. The ground below the terrace is filled with illustrations of the Orders and principal Genera of the plants of the United States, together with species from the Old World for comparison.

The grounds and greenhouses are open to the public daily, from sunrise to sunset.

To students properly qualified, specimens of flowers and living plants are freely furnished, and facilities are offered in the laboratories in the Garden, for pursuing investigations in Morphology. Under certain restrictions, students are supplied with all necessary appliances for conducting experiments in Vegetable Physiology and its application to practical questions in horticulture.

From the first week in July until the second week in August, regular instruction in Botany is given at the Botanic Garden, in connection with the Summer School of the Faculty of Arts and Sciences (see pp. 426–430).

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THE GRAY HERBARIUM.

OFFICERS.

BENJAMIN LINCOLN ROBINSON, Ph.D., CURATOR, and *Asa Gray Professor of Systematic Botany.*
CYRUS GUERNSEY PRINGLE, A.M., *Collector.*
MERRITT LYNDON FERNALD, S.B., *Assistant*, and *Instructor in Botany.*
JESSE MORE GREENMAN, Ph.D., *Assistant*, and *Instructor in Botany.*
MARY A. DAY, *Librarian.*

The GRAY HERBARIUM occupies a building in the Botanic Garden. The collection, presented to Harvard University in 1864 by the late Professor ASA GRAY, now contains over three hundred and forty thousand sheets of mounted specimens and is the result of more than sixty years of continuous growth. It embraces all orders of flowering plants, ferns, and fern-allies, while the bryophytes, fungi, lichens, and algae have now been transferred to the Cryptogamic Herbarium in the Botanical Division of the University Museum. The Gray Herbarium is rich in type specimens of species and varieties, in standard and rare phaenogamic *exsiccati*, and in the possession of the greater part of the specimens which have been critically studied in the preparation of the "Synoptical Flora of North America."

The Herbarium may be consulted, under supervision of the staff, by advanced students and other properly qualified persons. Visiting specialists receive such facilities for work as can be given without interrupting the regular duties of the staff.

The Library of the Herbarium, now including more than fourteen thousand carefully selected volumes and pamphlets, is open for consultation to all persons interested in Botany.

The scientific publications of the Herbarium at present embrace the following classes of work: I. The continuation of the "Synoptical Flora of North America." II. The issue from time to time of "Contributions from the Gray Herbarium of Harvard University," a series of technical papers devoted chiefly to the characterization of new species and monographing of genera. III. The preparation of lesser articles, both technical and popular, published in various scientific journals.

The valuable local collection of the NEW ENGLAND BOTANICAL CLUB is temporarily deposited in the building of the Gray Herbarium and may, with certain restrictions, be consulted by persons interested in the flora of New England.

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THE ASTRONOMICAL OBSERVATORY.

OFFICERS.

CHARLES WILLIAM ELIOT, A.M., LL.D., PRESIDENT.
EDWARD CHARLES PICKERING, A.M., LL.D., DIRECTOR, and *Paine Professor of Practical Astronomy.*
ARTHUR SEARLE, A.M., *Phillips Professor of Astronomy.*
SOLON IRVING BAILEY, A.M., *Associate Professor of Astronomy.*
WILLIAM HENRY PICKERING, S.B., *Assistant Professor of Astronomy.*
OLIVER CLINTON WENDELL, A.M., *Assistant Professor of Astronomy.*
JOHN RAYNER EDMANDS, S.B., *Assistant.*
ABBOTT LAWRENCE ROTCH, A.M., *Assistant in Meteorology.*
WILLIAMINA PATON FLEMING, *Curator of Astronomical Photographs.*
WILLARD PEABODY GERRISH, *Assistant.*
EDWARD SKINNER KING, A.M., *Assistant.*
JOHN AUGUSTINE DUNNE, *Assistant.*

The ASTRONOMICAL OBSERVATORY was established by means of a subscription initiated in 1843. The SEARS TOWER was completed in 1846; and the great refractor was received at the close of the same year. In 1848, EDWARD BROMFIELD PHILLIPS, of the Class of 1845, bequeathed to the University the sum of one hundred thousand dollars for the benefit of the Observatory. In 1885, ROBERT TREAT PAINE, of the Class of 1822, bequeathed his entire fortune, amounting to more than a quarter of a million of dollars, to the University for the Observatory.

The Observatory was founded for the purpose of scientific research in all departments of Astronomy. To fulfil this purpose, it has been equipped with instruments of the first class and with a library of nearly thirty thousand works (of which about two thirds are pamphlets), principally relating to astronomical subjects. It has likewise been provided with funds for the maintenance and increase of its equipment and library, and for the payment of its current expenses, special provision having also been made for the publication of its observations.

One of the principal departments of the Observatory is the HENRY DRAPER MEMORIAL, maintained by Mrs. Draper to permit the study on a large scale of the spectra and other physical properties of the fixed stars.

The BOYDEN FUND furnishes the means of establishing an observing station at a considerable elevation, to avoid the serious difficulties in observation which arise from atmospheric causes. After preliminary experiments on mountains in Colorado and California, a station was established in the Andes, near Chosica, Peru, under the direction of Professor Bailey. This has been transferred to a site about 8000 feet high, near Arequipa, Peru, where observations were conducted for two years under

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the direction of Professor W. H. Pickering. Professor Bailey then returned to Peru and took charge of the station. Later, he established a series of meteorological stations crossing the Andes at the respective elevations of 100, 4,150, 8,060, 13,300, 15,600, 19,200, 11,000 and 3,000 feet.

In coöperation with the BLUE HILL METEOROLOGICAL OBSERVATORY, under the direction of Mr. Rotch, meteorological observations are maintained, and the results published in the Annals of the Observatory. The Blue Hill Observatory is situated upon land recently taken by the State as a public park, but a portion of this land has been leased to Harvard College, in order to ensure the continuance of the meteorological observations.

The Observatory is now provided with a photographic telescope of greater size than that of any similar instrument hitherto constructed. This telescope is the gift of Miss C. W. BRUCE, of New York. Its object-glass consists of four lenses, each 24 inches in aperture. The work for which it is specially designed is the production of stellar charts and photographs of stellar spectra. This instrument is now mounted at Arequipa, and is in use throughout every clear night, as are also numerous smaller instruments.

By the mutual consent of astronomers, the Kiel and Harvard Observatories have been selected as the centres for the prompt announcement of astronomical discoveries. For example, when a comet is discovered in America, its position is telegraphed to this Observatory, from here to Kiel, and thence to all the principal observatories of Europe.

Forty assistants take part in the work of the Observatory. The results obtained are published in a series of ANNALS, and now fill more than forty quarto volumes. The preparation of these volumes occupies a large part of the force at the Observatory in Cambridge. Besides this labor, a large amount of observation is done there, several instruments being kept in constant use. The largest of these are the fifteen-inch and six-inch equatorial telescopes, the eight-inch transit circle, the eleven-inch Draper photographic telescope, the eight-inch photographic telescope, and the meridian photometers.

Instruction in Astronomy is not given at the Observatory, either by lectures or recitations. Facilities are freely offered to astronomers for making use of the library, buildings, grounds, instruments and photographs of the Observatory, so far as this can be done without interfering with regular work. Similar opportunities are sometimes offered to students specially devoting themselves to the study of Astronomy, but the constant employment of the principal instruments greatly limits the use that can be made of them for this purpose. Such students may apply for admission to the Director, with whom the fees for the privileges offered may be agreed upon. In some cases, a part or the whole of the fees may be remitted in consideration of services rendered in computation or other work.

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EXERCISE AND ATHLETIC SPORTS.

THE HEMENWAY GYMNASIUM.

OFFICERS.

DUDLEY ALLEN SARGENT, A.M., M.D., S.D., DIRECTOR.
FRANCES DOHS, *Instructor in Gymnastics.*
CLARENCE BERTRAND VAN WYCK, *Recorder.*

This Gymnasium, named in honor of AUGUSTUS HEMENWAY, of Boston, of the Class of 1875, who gave it to the University, is a handsome and spacious structure, built in 1878 and equipped with the utmost thoroughness.

The growth of the University and the interest in this department during the past fifteen years has necessitated an increase of room and facilities, which Mr. Hemenway has met by making an extensive addition to the Gymnasium in 1895.

This new addition affords an increased floor area of 15,000 square feet, with locker, bathing, and dressing rooms, accommodating 2500 students.

An area of some 12,000 square feet of ground immediately connected with the Gymnasium has been enclosed, graded, and covered with asphalt, to afford facilities for practising gymnastic exercises and games in the open air.

The Gymnasium proper has a floor space of 30,000 square feet, including a large main hall for general exercise, a running-gallery, rowing-room, and basement for Bowling Alleys, Hand Ball Courts, and rooms for Fencing, Sparring, Wrestling, and other exercises.

The Main Hall is furnished with a large variety of light and heavy gymnastic apparatus and all the best patterns of the modern developing appliances.

The building is lighted throughout by electricity and warmed and ventilated by a novel arrangement of steam pipes, light wells, and air shafts.

The Gymnasium is open to all members of the University free of expense, on week days from 11 A.M. to 1 P.M., 3 to 5.30, and 8 to 10 P.M., except on Saturdays, when it is closed at 7 o'clock.

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The attendance is voluntary, and the system adopted is one designed to meet the special wants of each individual. Realizing the great diversity in age, size, and strength, as well as in health, of the students who attend the University, the Director makes no attempt to group them into classes pursuing the same course of exercises.

Upon entering the University, each student is entitled to an examination by the Director, in which his physical proportions are measured, his strength tested, his heart and lungs examined, and information solicited concerning his general health and inherited tendencies. From the data thus procured, a special order of appropriate exercises is made out for each student, with specifications of the movements and apparatus which he may best use. These exercises are marked in outline on cards without charge, or in handbooks accompanied by charts at a small expense. After working on this prescription for three or six months, the student is entitled to another examination, by which the results of his work are ascertained, and the Director enabled to make a further prescription. Students holding Scholarships are expected to be examined twice a year; and those desiring to enter Athletic Contests are required to be examined by the Director and to obtain his permission so to do.

In addition to the individual prescriptions, there are classes in Free Movements and Light Gymnastics, designed to afford an opportunity for general development to all students of the University who are not members of the athletic teams or who are not in need of specially prescribed exercises.

All students of Harvard University desiring to enter as competitors in Athletic Contests are required to give evidence of their ability by making the following strength tests according to the Intercollegiate Agreement, in addition to the regular physical examinations: —

Candidates for the University Crew and Foot-ball Team and Weight Throwers are expected to make a total strength test of 700 points.

Candidates for the University Ball Nines and Track and Field Events, Class Crews and Foot-ball Teams and Gymnastic, Wrestling and Sparring Contests are expected to make a total strength test of 600 points.

Candidates for the University LaCrosse, Cricket, Tennis, and Golf Teams, Class Ball Nines, and Class Track and Field Events are expected to make a total strength test of 500 points.

These points are reckoned as follows: — The number of kilos. lifted with the back and legs straight, and the number of kilos. lifted with the legs bent, added to the strength of the grip of the right and left hand, expiratory power as tested by the manometer, and one-tenth of the weight in kilos. multiplied by the number of times that the person can raise his weight by dipping between the parallel bars and pulling his weight up to his chin on the horizontal bar. One twentieth of the lung capacity

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may be substituted for the lung strength or expiratory test. Where the strength test falls below the desired standard the capacity of lungs is taken into account in summing up the condition.

These tests are made and certificates granted on any day, excepting Saturday and Sunday, between 2 and 4 P.M., within two weeks previous to a contest, but no examinations are made or certificates granted on the day of the contest.

COMMITTEE ON THE REGULATION OF ATHLETIC SPORTS.

FACULTY MEMBERS.

IRA NELSON HOLLIS, A.M., L.H.D., *Professor of Engineering*, CHAIRMAN.
ARCHIBALD CARY COOLIDGE, Ph.D., *Assistant Professor of History.*
HORATIO STEVENS WHITE, A.B., LL.D., *Professor of German.*

GRADUATE MEMBERS.

THOMAS NELSON PERKINS, A.B.
ROLAND WILLIAM BOYDEN, A.B.
BERTRAM GORDON WATERS, A.B.

UNDERGRADUATE MEMBERS.

EDWARD BOWDITCH, Jr., *Class of 1903*, SECRETARY.
ROGER ERNST, *Class of 1903.*
EDWARD BELL KRUMBHAAR, *Class of 1904.*

HUGH BLYTHE, A.B., GRADUATE TREASURER.

The President and Fellows established the Committee on the Regulation of Athletic Sports by the following vote, to which the Overseers consented: —

"*Voted*, That the following be adopted as one of the standing rules and orders of the President and Fellows and the Board of Overseers: —

"A Committee for the Regulation of Athletic Sports shall hereafter be annually appointed and chosen as follows: three members of the University Faculties, and three graduates of the College — these six to be appointed by the Corporation with the consent of the Overseers; and also

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three undergraduates to be chosen during the first week of the College year by the majority vote of the following students: the Presidents of the Senior, Junior and Sophomore classes, and a representative from each of the following athletic organizations: the Boat Club, the Cricket Club, and the Athletic, Base-ball, Foot-ball, Cycling, and Tennis Associations, who shall be called together for the purpose of making this choice by the President of the University.

"This Committee shall have entire supervision and control of all athletic exercises within and without the precincts of the University, subject to the authority of the Faculty of Arts and Sciences, as defined by the Statutes."

Under the authority thus conferred the Committee exercises a general supervision over the grounds and buildings devoted by the University to athletic sports and exercise; over the times and places of athletic contests; and over the physical condition of those engaged in them. The regulations framed by the Committee forbid the employment of unauthorized persons as trainers, and require intercollegiate and other contests to be held at such times and places as will cause least interference with study. No person is permitted to take part in athletic contests without a physical examination by the Director of the Gymnasium, and his permission so to do. No person who is not a student of some department of the University in full and regular standing is allowed to take part in any athletic contest or exhibition. The Committee chooses its own officers, and appoints a Graduate Treasurer, who exercises supervision over the accounts of all athletic organizations using University grounds or buildings. The Committee makes a report annually to the President of the University.

BUILDINGS FOR ATHLETIC USES.

Besides the Gymnasium, four other buildings are held, either by the University or by trustees, for the exclusive use of students of the University.

A substantial building for the use of the Base-ball and other teams was erected in 1897–98 to the memory of Mr. Henry Astor Carey, in exchange for the building on Holmes Field surrendered to the University for purposes of instruction. It has a floor space of 7700 square feet.

The new University Boat House, the gift of the Harvard Club of New York City, is situated on Charles River, about half a mile from the College. It is used by regular crews and by the Newell Boat Club. It has locker and boat room for about 500 students. A number of rowing

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machines and a well equipped rowing tank have been placed in the building, for winter work.

By the gift of Mr. GEORGE WALKER WELD, of the Class of 1860, a second boat house was erected in 1889–90 for the use chiefly of students not rowing on regular crews. It is situated about one third of a mile from the College, and has lockers and boat-storage sufficient for the use of 300 students.

By subscriptions from Alumni the "Locker Building" was erected in 1893–94 on Soldier's Field. This building has a capacity of 1500 lockers, and contains also large shower-rooms and dressing-rooms.

A Gate Lodge was erected near the entrance to Soldier's Field during the fall of 1899. It contains one large room for the general use of students and their friends, and several smaller rooms for the use of the attendant in charge of the athletic grounds.

PLAY-GROUNDS.

For out-door exercise, the University and the students themselves have provided two grounds.

JARVIS FIELD, a few hundred feet from Holmes Field, is about four acres in area, and is used exclusively by tennis-players.

By a gift made to the University in 1890 by Mr. HENRY LEE HIGGINSON, of the Class of 1855, the students are provided with an additional play-ground of twenty acres. This new field, named by the donor the SOLDIER'S FIELD, is situated in Allston, at a short distance across the Charles River, and is within easy reach of the College Yard. It is used for foot-ball and other sports. The students have erected upon this field seats for fifteen thousand persons.

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PART III

RADCLIFFE COLLEGE

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RADCLIFFE COLLEGE.

In 1879, the SOCIETY FOR THE COLLEGIATE INSTRUCTION OF WOMEN was organized for the purpose of providing systematic instruction for women by professors and other instructors in Harvard University. The work thus begun was carried on with increasing success, but in no official relation with the University, until 1894, when the name of the Society was changed, by act of the General Court of Massachusetts, to RADCLIFFE COLLEGE. By the same act Radcliffe College is authorized "to furnish instruction and the opportunities of collegiate life to women, and to promote their higher education"; and "to confer on women all honors and degrees as fully as any university or college in this Commonwealth is now so empowered respecting men or women, — *provided, however*, that no degree shall be so conferred by the said Radcliffe College except with the approval of the President and Fellows of Harvard College, given on satisfactory evidence of such qualification as is accepted for the same degree when conferred by Harvard University." Further, "it may confer at any time upon the President and Fellows of Harvard College such powers of visitation and of direction and control over its management as the said Radcliffe College may deem it wise to confer, and the said President and Fellows of Harvard College may consent to assume."

Under this provision, and with the consent of the Board of Overseers, the PRESIDENT AND FELLOWS OF HARVARD COLLEGE have been constituted the BOARD OF VISITORS of Radcliffe College; and they have authorized the President to countersign the diplomas of Radcliffe College and to affix to them the seal of Harvard University. The administration of the affairs of Radcliffe College and the powers and functions of all its officers are subject to the direction and control of the Board of Visitors, and no instructor or examiner can be appointed, employed, or retained, without their approval.

The immediate government of the College is vested in a COUNCIL and an ACADEMIC BOARD. The Council, consisting of the President, the Dean, and the Chairman of the Academic Board, with seven other members chosen by the ASSOCIATES, each for the term of seven years, has general control of all the affairs of the College, including the educational work, the government of the students, and the conferring of degrees. The Chairman of the Academic Board must be a member of the Faculty of Arts and Sciences of Harvard University, and his election is subject to the express

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approval of the Board of Visitors. The President and Dean are *ex-officio* members of the Academic Board. The remaining members are appointed annually by the Associates, subject to the express approval of the Board of Visitors, from the teachers or Associates of Radcliffe College who are also members of the Faculty of Arts and Sciences of Harvard University. The Academic Board has the direction, subject to the control of the Council, of the instruction and the examinations of the College, and has all the duties and powers in respect thereto which usually belong to a College Faculty, including the recommendation of candidates for all degrees which are conferred by the College; but only those members who are also members of the Faculty of Arts and Sciences of Harvard University vote upon recommendations for degrees.

ASSOCIATES.

[*The Associates of Radcliffe College constitute its Corporation.*]

ELIZABETH CARY AGASSIZ, Honorary President.
AGNES IRWIN, Litt.D., Dean.
HENRY LEE HIGGINSON, A.M., LL.D., Treasurer.
WILLIAM ELWOOD BYERLY, Ph.D., Chairman of the Academic Board.
EZRA HENRY BAKER, A.B.
ELLA LYMAN CABOT.
MARY COES, A.M.
MARY HUNTINGTON COOKE.
LILIAN HORSFORD FARLOW.
ARTHUR GILMAN, A.M.
STELLA SCOTT GILMAN.
GEORGE LINCOLN GOODALE, M.D., LL.D.
WILLIAM WATSON GOODWIN, Ph.D., LL.D., D.C.L.
JOHN CHIPMAN GRAY, A.M., LL.D.
VIRGINIA NEWHALL JOHNSON, A.B.
ALICE MARY LONGFELLOW.
GRACE HARRIET MACURDY, A.B.
ELLEN FRANCIS MASON.
FANNY PEABODY MASON.
JOHN FARWELL MOORS, A.M.
CHARLES ELIOT NORTON, Litt.D., LL.D.
JAMES MILLS PEIRCE, A.M.
CLEMENT LAWRENCE SMITH, A.M., LL.D.
JOSEPH BANGS WARNER, A.M., LL.B.
SARAH WYMAN WHITMAN.

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BOARD OF VISITORS.

THE PRESIDENT AND FELLOWS OF HARVARD COLLEGE.

COUNCIL.

ELIZABETH CARY AGASSIZ, CHAIRMAN.
AGNES IRWIN, Litt.D.
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} *Ex officio.*
JOHN FARWELL MOORS, A.M.
ALICE MARY LONGFELLOW.
WILLIAM WATSON GOODWIN, Ph.D., LL.D., D.C.L.
SARAH WYMAN WHITMAN.
CLEMENT LAWRENCE SMITH, A.M., LL.D.
LILIAN HORSFORD FARLOW.
JOHN CHIPMAN GRAY, A.M., LL.D.

ACADEMIC BOARD.

WILLIAM ELWOOD BYERLY, Ph.D., CHAIRMAN, *Professor of Mathematics.*
ELIZABETH CARY AGASSIZ.
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EDWARD LAURENS MARK, Ph.D., LL.D., *Professor of Anatomy.*
JOHN HENRY WRIGHT, A.M., LL.D., *Professor of Greek.*
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HANS CARL GÜNTHER VON JAGEMANN, Ph.D., *Professor of Germanic Philology.*
CHARLES HALL GRANDGENT, A.B., *Professor of Romance Languages.*
GEORGE LYMAN KITTREDGE, A.B., LL.D., *Professor of English.*

MARY COES, A.M., *Secretary.*
CAROLINE A. FARLEY, *Librarian.*

HENRY PICKERING WALCOTT, A.B., M.D., *Medical Adviser.*

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STUDENTS.

GRADUATE STUDENTS.

Annable, Anna Gertrude, A.B. 1899, *Cambridge.*
Armington, Sarah Randall, A.B. 1902, *Roxbury.*
Ayer, Mary Farwell, A.B. (*Bryn Mawr*) 1901, *Boston.*
Barta, May Wallace, A.B. (*Smith*) 1902, *Winchester.*
Bates, Theodora, A.B. 1902, *Cambridge.*
Berenson, Rachel, A.B. (*Smith*) 1902, *Dorchester.*
Brigham, Pauline Wight, A.B. 1898, *Chestnut Hill.*
Campbell, Elsa Patterson, A.B. (*Barnard*) 1902, *Kansas City, Mo.*
Carr, Muriel Bothwell, A.B. (*McGill Univ.*) 1898, A.M. (*ibid.*) 1900, A.M. (*Radcliffe*) 1902, *St. John, N.B.*
Church, Nina Elizabeth, A.B. (*Dalhousie*) 1896, A.M. (*ibid.*) 1899, *Dorchester.*
Dimick, Esther, A.B. 1902, *Watertown.*
Diserens, Elizabeth, A.B. (*Univ. of Cincinnati*) 1902, *Cincinnati, O.*
Fife, Mary Hannah Augusta, A.B. (*Univ. of Toronto*) 1898, *Peterboro, Ont.*
Fisher, Harriet Lyon, A.B. 1902, *Roxbury.*
Fiske, Martha Theresa, A.B. 1902, *Cambridge.*
Fraser, Harriet Alice, A.B. (*McGill Univ.*) 1896, *Richmond, Que.*
Hapgood, Laura Sarah, A.B. (*Northwestern Univ.*) 1900, *Evanston, Ill.*
Harris, Emma Bailey, A.B. (*Wesleyan*) 1897, *Fitchburg.*
Hatcher, Frances Bell, A.B. (*Univ. of Missouri*) 1901, A.M. (*ibid.*) 1902, *Atlanta, Ga.*
Jacques, Edna May, A.B. (*Colorado*) 1900, *Colorado Springs, Colo.*
Kenaga, Katharine Jeannette, A.B. (*Lake Forest Univ.*) 1896, *Kankakee, Ill.*
Lake, Sarah Melissa, B.S. (*Mt. Holyoke*) 1892, A.M. (*Radcliffe*) 1902, *Worcester.*
Lawrence, Fanny Louise, A.B. 1902, *Cambridge.*
Lord, Katharine, A.B. (*Bryn Mawr*) 1901, *Winchester.*
McDowell, Pauline, A.B. (*Wellesley*) 1896, *Newark, N.J.*
Morgan, Agnes Bangs, A.B. 1901, *Cambridge.*
Power, Alice Rebecca, A.B. (*Acadia*) 1896, A.M. (*ibid.*) 1897, *Grafton, N.S.*
Redfern, Elizabeth Goodwin, B.L. (*Smith*) 1897, *Winchester.*
Richardson, Mary Lilias, A.B. (*Smith*) 1894, *Troy, N.Y.*
Rousmanière, Frances Hall, A.B. (*Wellesley*) 1900, *Roxbury.*

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Schmidt, Gertrud Charlotte, B.L. (*Univ. of Wisconsin*) 1900,	*Wauwatosa, Wis.*
Smith, Margarethe Mary, A.B. 1902,	*Malden.*
Stebbins, Lucy Ward, A.B. 1902,	*San Francisco, Cal.*
Story, Marian Burnham, A.B. 1902,	*Cambridge.*
Walbridge, Marguerite, A.B. (*Adelphi*) 1900,	*Brooklyn, N. Y.*
Walker, Laura Florence Mary, A.B. (*McGill Univ.*) 1898, A.M. (*Radcliffe*) 1899,	*So. Boston.*
Watts, Amelia Sarah, A.B. 1899,	*Cincinnati, O.*

Senior Class.

Adams, Mary Delia,	*W. Newton.*
Bacon, Amy Palmer,	*Allston.*
Barrett, Florence Estelle,	*Brookline.*
Barry, Genevieve Anne,	*Boston.*
Bennett, Marian Sears,	*Wayland.*
Bosley, Lucia Adèle,	*Livonia, N. Y.*
Brown, Rebecca Goodwin,	*Roxbury.*
Carr, Ethel Estella,	*Cambridge.*
Carr, Florence Frederick,	*Quincy.*
Coleman, Mary Lewis,	*Cambridge.*
Coy, Mary Lee,	*Presque Isle, Me.*
Crowley, Adelaide Hammond,	*Cuttingsville, Vt.*
Daily, Gertrude, A.B. (*Boston Univ.*) 1902,	*Roxbury.*
Dawson, Laura Blanchard,	*Jamaica Plain.*
Dooley, May Veronica,	*Cambridge.*
Dougherty, Ethel Ward,	*Cambridge.*
Fabens, Mary Chandler,	*Marblehead.*
Fish, Margaret Allina,	*Brookline.*
Fitzpatrick, Adèle,	*Arlington.*
Folsom, Mary Ordway,	*New Dorchester.*
Greeley, Dorothea,	*Cambridge.*
Hanigan, Helena Katharine,	*Fitchburg.*
Hastings, Florence Bryant,	*Cambridge.*
Heath, Florence Elizabeth,	*Allston.*
Hollingsworth, Grace,	*New York, N. Y.*
Howland, Ruth Almy,	*Winnetka, Ill.*
Huling, Ellen Paine,	*Cambridge.*
James, Louise Frances,	*Cambridge.*
Johnson, Alice Harlow,	*Augusta, Me.*
Junkins, Marion Weymouth,	*Lawrence.*
Kendall, Frances Margaretta,	*Cambridge.*

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Kennedy, Julia Truesdale, A.B. (*Westminster*) 1902,	*Buffalo, N. Y.*
Kennedy, Pearl Grace,	*Roxbury.*
Kimball, Elizabeth Gardner,	*Nashua, N. H.*
King, Ellen Cartmell,	*Roxbury.*
Kümmel, Mary Shepherd,	*Milwaukee, Wis.*
Lawrence, Grace Eva,	*Tabor, Ia.*
Lewis, Mercy,	*West Superior, Wis.*
Livermore, Katharine,	*Cambridge.*
Lynch, Maud Anne,	*Boston.*
McAvity, Emily May,	*St. John, N. B.*
McCarthy, Margaret Loretta,	*Brookline.*
McClure, Alfretta Pinkston,	*Boston.*
Mohan, Lucy Florence,	*Dorchester.*
Phillips, Catharine Tilden,	*So. Hanover.*
Pousland, Elizabeth Cutting,	*Salem.*
Prentiss, Mary Alden,	*Fall River.*
Puffer, Emma Josephine,	*Arlington.*
Sanborn, Alice Bacon,	*Brookline.*
Scorgie, Anna Monson,	*Cambridge.*
Sharples, Alice Webster,	*Cambridge.*
Sheehy, Mary Louvisa,	*Weymouth Centre.*
Soule, Dorothy Winsor,	*Cambridge.*
Soule, Ruth Maynard,	*Cambridge.*
Strong, Caroline,	*Portland, Ore.*
Sullivan, Katharine Cecilia,	*Newton Upper Falls.*
Tarbox, Ethel Marion,	*E. Somerville.*
Throop, Suzanne Everett,	*Cambridge.*
Tuxbury, Emma Louise,	*Haverhill.*
White, Gertrude Adelaide,	*Newton Upper Falls.*
White, Margaret,	*Cambridge.*
Wilder, Ruth,	*Barre.*
Willard, Constance Alton,	*Lexington.*
Wiswell, Bessie Francis,	*Brookline.*
Wright, Rebecca Whitney,	*Montpelier, Vt.*
Wyman, Florence May,	*Cambridge.*
Yerxa, Florence Lena,	*Cambridge.*

JUNIOR CLASS.

Adams, Emily,	*Cambridge.*
Arnold, Alice White,	*Marlboro.*
Austin, Lillian Walker,	*Roxbury.*
Beard, Marguerite Lucile,	*Cambridge.*

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Bowker, Mabel Edna,	*Boston.*
Brewster, Elvira Mary,	*Cambridge.*
Cady, Mary Louise,	*Holyoke.*
Carr, Addie Pierce,	*Somerville.*
Carter, Madeline Ward,	*Newtonville.*
Comstock, Laura Mariette,	*W. Medford.*
Cotter, Mary Alma,	*Hyde Park.*
Cotter, Margaret Cranitch,	*Cambridge.*
Crockett, Alice Louise,	*Cambridge.*
Daniels, Maud Melissa,	*Boston.*
Dearborn, Helen,	*Boston.*
Dickson, Myrtle Clarissa,	*Cambridge.*
Dodd, Ethel,	*Boston.*
Dodge, Jane Gay,	*Waltham.*
Driscoll, Mary Agatha,	*Lawrence.*
Eckman, Sigrid Sophie,	*Roxbury.*
Ellsbree, Edith Marguerite,	*Cambridge.*
Frost, Eleanor Richards,	*W. Newton.*
Gardner, Helen,	*W. Medford.*
Gile, Gertrude,	*Melrose.*
Haines, Bertha Maria,	*Lynn.*
Hill, Mary Frances,	*Cambridge.*
Hodgkins, Frances Abigail,	*Chelsea.*
Huling, Elizabeth Lillibridge,	*Cambridge.*
Jaques, Bessie Hamilton,	*So. Berwick, Me.*
Kearny, Isabel Mackay,	*Charlestown.*
Keller, Helen Adams,	*Tuscumbia, Ala.*
Kimball, Marguerite,	*Brookline.*
Kingsbury, Anna Theo,	*Newton.*
Lerner, Mary,	*Cambridge.*
Litchfield, Ernestine Morse,	*Wollaston.*
Livermore, Lesley Roberts,	*Cambridge.*
McCleary, Helen Cartwright,	*Chestnut Hill.*
MacLeod, Ethel May,	*Cambridge.*
MacMillan, Florence Katharine,	*Brookline.*
Means, Harriet Reed,	*Geneva, N. Y.*
Métivier, Marie,	*Waltham.*
Newell, Frances Elizabeth,	*Brookline.*
Paine, Elsie Miriam,	*Cambridge.*
Palmer, Elinor,	*Lowell.*
Parker, Lena Florence,	*Winchendon.*
Perkins, Clara Page,	*Arlington Heights.*
Porter, Marion Childs,	*Lynn.*

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Rand, Grace Florence,	*Boston.*
Richardson, Emily Martin,	*Belmont.*
Rowland, Eleanor Harris,	*Lee.*
Ruggli, Eva Marguerite,	*Arlington.*
Sargent, Margherita.	*Medford.*
Sleeper, Ida Alice,	*Cambridge.*
Smith, Florence Marion,	*Lynn.*
Snow, Marion,	*Boston.*
Temple, Bertha Sarah,	*Waltham.*
Thompson, Carrie Louise,	*Chelsea.*
Tighe, Bessie Louise,	*Peabody.*
Van Santford, Frances Amelia,	*Albany, N. Y.*
Waddington, Florence,	*Cambridge.*
Walley, Annie Louise,	*Boston.*
Wellington, Anna Florena,	*Roxbury.*
Whalen, Catharine Theresa,	*Boston.*
Willgoose, Laura Grace,	*Needham.*
Williams, Bertha Etta,	*Bowdoinham, Me.*
Wyman, Mary Squire,	*Cambridge.*

SOPHOMORE CLASS.

Andersen, Anna Marie,	*Roxbury.*
Archibald, Edith Helen,	*Roxbury.*
Barbour, Lillian Mitchell,	*Cambridge.*
Barry, Loretto Frances,	*Youngstown, O.*
Belknap, Grace Julia,	*Dorchester.*
Bennett, Hazel,	*Somerville.*
Bowman, Laura,	*Wellesley Hills.*
Boynton, Harriet Lounsbery,	*Cambridge.*
Bradeen, Nellie Viola,	*Mattapan.*
Briggs, Clara Perry,	*Chelsea.*
Brooks, Amy,	*Newton Centre.*
Bulson, Margaret Theresa,	*Cambridge.*
Caton, Louise Gordon,	*Foxboro.*
Chase, Marion Emily,	*Dorchester.*
Chickering, Helen Tileston,	*Milton.*
Coggin, Margaret Cheney,	*Salem.*
Cole, Mary Brooks,	*Rockland, Me.*
Cosgrove, Mary Elizabeth Lily,	*Somerville.*
Cox, Katharine Amy,	*Montreal, Que.*
Crowell, Edna Louise,	*Cambridge.*
Cufflin, Katherine Elizabeth,	*Brighton.*
Dean, Elizabeth Moseley,	*Boston.*

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Densmore, Elizabeth,	*Somerville.*
Dodd, Mary Wellington,	*Boston.*
Dunn, Helen de Maurice,	*Needham.*
Earl, Laura Brown,	*Cambridge.*
Flagg, Helen Gertrude,	*Boston.*
Fogarty, Helen Margaret,	*Roxbury.*
Foley, Ellen Louise,	*Boston.*
Ford, Amelia Clewley,	*Cambridge.*
Fox, Gertrude Wallingford,	*Cambridge.*
Fries, Helen Elizabeth,	*Roxbury.*
Frye, Annie Frances,	*Rockland, Me.*
Gillpatrick, Isabella May,	*Dorchester.*
Haley, Theresa Sylvia,	*So. Boston.*
Hall, Evangeline Rachel,	*Cambridge.*
Hallowell, Susan Morris,	*W. Medford.*
Hamilton, Edith,	*Worcester.*
Herman, Babette,	*Boston.*
Hixson, Methyl Julia,	*Cambridge.*
Hunt, Emily Frances,	*Belmont.*
Hutchins, Lucy Camilla,	*Cambridge.*
Jackson, Eva Ruth,	*Cambridge.*
Jenkins, Elizabeth Crocker,	*Sandwich.*
Keefe, Helen Frances,	*Roxbury.*
Kendall, Marion Atwood,	*Cambridge.*
King, Grace Evelyn,	*Dorchester.*
Lamb, Florence Chase,	*Erie, Pa.*
Law, Jennie Alice,	*Lynnfield.*
Lawrence, Edith Woods,	*Cambridge.*
Lewis, Eva,	*W. Somerville.*
Liden, Anna Rosa,	*E. Boston.*
Lyons, Blanche Estelle,	*Pittsfield.*
Marshall, Bertha Clarice,	*Boston.*
Medeiros, Belandina Elizabeth,	*Cambridge.*
Moller, Selma Cecilia,	*Cambridge.*
Murphy, Isabel Gertrude,	*Wollaston.*
Murray, Sara Claudia,	*Newton.*
Newton, Anjennette,	*E. Boston.*
Pickett, Mary Gates Lord,	*New Dorchester.*
Ray, Edith Acheson,	*E. Boston.*
Robertson, Agnes May,	*Arlington.*
Robertson, Helener Grant,	*Arlington.*
Schaefer, Hedwig Sophie,	*Leipzig, Germany.*
Scorgie, Helen Christine,	*Cambridge.*

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Smith, Mary Lilian,	*Wakefield.*
Stickney, Eva Gertrude,	*Boston.*
Stone, Minnie Elizabeth,	*New Dorchester.*
Stowers, Sarah Genevieve,	*Somerville.*
Sullivan, Mary Veronica,	*Cambridge.*
Tanner, Carolyn Virginia,	*Dorchester.*
Tapley, Blanche Stacey,	*Lynn.*
Taylor, Annie Williams,	*Providence, R.I.*
Van Norman, Mabel Julia,	*W. Newton.*
Weeks, Gertrude,	*Boston.*
Whitaker, Bertha Esther,	*Lexington.*
Wilbar, Mary Frances,	*Dorchester.*
Wilson, Jane Bidwell,	*Cambridge.*
Wilson, Mabel Rogers,	*So. Boston.*
Wilson, Stella Ayres,	*Somerville.*
Wiswell, Margaret,	*Lexington.*
Wood, Madeleine,	*Cambridge.*

FRESHMAN CLASS.

Adams, Charlotte Hastings,	*Cambridge.*
Austin, Florence Evelyn,	*Reading.*
Ayer, Lefee,	*Boston.*
Babcock, Charlotte Farrington,	*Dorchester.*
Barnes, Violet Hilda,	*Bangor, Me.*
Bass, Marie Caroline,	*Quincy.*
Bennett, Sophia Whitney,	*Wayland.*
Berry, Alice Burt,	*Somerville.*
Beunke, Adelaide Eva,	*Cambridge.*
Brewerton, Mabel Malbone,	*Roxbury.*
Bridgham, Helen Morton,	*Arlington Heights.*
Brooks, Rachel Orne,	*Cambridge.*
Burt, Florence Alice,	*W. Somerville.*
Carter, Helen Childs,	*Wayland.*
Churchill, Marion,	*Arlington.*
Connor, Julia Theresa,	*Somerville.*
Cook, Isabella Jane,	*Jamaica Plain.*
Dallinger, Ruth,	*Cambridge.*
Damon, Sarah Maynard,	*Cochituate.*
Daniell, Elizabeth Porter,	*Roxbury.*
Davenport, Anna Coolidge,	*Watertown.*
Davis, Carrie Alice,	*Jamaica Plain.*
Dawes, Sally Freeman,	*Haverhill.*
Dillingham, Laura Goldthwaite,	*Cambridge.*

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Emery, Helen Maude,	*Cambridge.*
Fitzpatrick, Annie Frances,	*Cambridge.*
Foster, Constance,	*Holly Springs, Miss.*
French, Florence Helen,	*Cambridge.*
Gage, Miriam,	*Cambridge.*
Geddes, Nellie Corey,	*Allston.*
Gillett, Margaret Austin,	*Brookline.*
Grimes, Mary Elizabeth,	*Somerville.*
Griswold, Margaret,	*Cambridge.*
Haskell, Marguerite Davis,	*Gloucester.*
Healey, Marian Bullard,	*Dorchester.*
Hobson, Dorothy Langley,	*Dorchester.*
Homans, Gertrude Ellen,	*Boston.*
Houdlette, Ruth Edith,	*Cambridge.*
Kingston, Avis Anna,	*Allston.*
Lawrance, Ruth Irvin,	*Winchester.*
Leighton, Ethel Lucretia,	*Watertown.*
Livers, Caroline Elizabeth,	*Boston.*
MacCarthy, Frances Dorothy,	*Brookline.*
MacDonald, Anna Sprague,	*Charlestown*
Milliken, Louise,	*Cambridge.*
Montague, Gertrude Alice,	*Cambridge.*
Moore, Blanche Ella,	*Watertown.*
Moses, Camilla Maud,	*Westboro.*
Myles, Gertrude Ellen,	*Cambridge.*
Noble, Lydia,	*Malden.*
Norton, Louisa Mabel,	*W. Somerville.*
Norton, Therese,	*Arlington.*
Parmenter, Harriet Hart,	*Cambridge.*
Phillips, Adaline Simmons,	*So. Hanover.*
Piper, Elizabeth Bridge,	*Cambridge.*
Rich, Margaret Elden,	*Dedham.*
Richards, Ruth,	*W. Somerville.*
Richardson, Louisa Cabot,	*Chestnut Hill.*
Ricker, Jennie Gertrude,	*Cambridge.*
Ripley, Eudora Elizabeth,	*Malden.*
Rogers, Winifred Howland,	*Cambridge.*
Russell, Fannie Stowell,	*Cambridge.*
Sahr, Josephine Theresa,	*Jamaica Plain.*
Scott, Ida Roberts,	*Cambridge.*
Stimson, Harriet Cunningham,	*Fitchburg.*
Tupper, Grace Louisa,	*Bethel, Vt.*
Vincent, Edith Mae,	*Waltham.*

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Waites, Margaret Coleman,	*Worcester.*
Walker, Arville Dodge,	*Norfolk Downs.*
Walton, Ruth Taylor,	*Newtonville.*
Warren, Helen Ellms,	*Weston.*
Waterhouse, Annie Isabel,	*Newtonville.*
Wheelwright, Margaret Carter,	*Bangor, Me.*
Woodmen, Sara McLean,	*Somerville.*

SPECIAL STUDENTS.

Adams, Mabel Ellery,	*Dorchester.*
Alden, Alice Wight,	*Newtonville.*
Beals, Frances Isabelle Everett,	*Worcester.*
Bellew, Ethlyn Tanner,	*Cambridge.*
Bird, Harriet Elizabeth,	*Cambridge.*
Burke, Mary Agnes,	*Cambridge.*
Burrill, Clara Washington,	*Washington, D.C.*
Cabot, Ella Lyman,	*Boston.*
Channing, Barbara,	*Brookline.*
Charles, Alice Esther,	*Chatham, N.H.*
Chase, Sarah Wellington Hutchinson,	*Cambridge.*
Cheney, Blanche Arabelle,	*Lowell.*
Cheney, Ethel Mary,	*Boston.*
Cilley, Dorothy May,	*Boston.*
Clark, Grace,	*Grand View, Tenn.*
Cook, Mabel Priscilla,	*Lexington.*
Craig, Mary Blanche,	*Cambridge.*
Cronan, Mary Loretta,	*Taunton.*
Cutten, Lilian Christina,	*Roxbury.*
Davidson, Margaret,	*Boston.*
Day, Helen Ranney,	*Newton.*
Dickson, Mary Flinn,	*Morganton, N.C.*
Drysdale, Euphemia,	*North Adams.*
Fitz, Louise,	*Newton Centre.*
Gannett, Margaret Emerson,	*Milton.*
Gardner, Annie Elizabeth,	*Brockport, N.Y.*
Gilman, Elizabeth Halé,	*Milford, Del.*
Gould, Jessie Eleanor,	*Everett.*
Griffith, Alice Tillinghast,	*Cincinnati, O.*
Hale, Mary Dean,	*Brookline.*
Hammond, Mabel Florence,	*Worcester.*
Hanus, Winifred,	*Cambridge.*
Harrington, Josephine Marie,	*St. Paul, Minn.*
Haskins, Ethel Grace,	*Brooklyn, N.Y.*

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Hatch, Carolyn Williams,	*Monson.*
Hay, Marion,	*Brookline.*
Hickey, Katharine Amelia,	*Boston.*
Hildreth, Nellie Booth,	*Dedham.*
Hill, Nellie Deering,	*Woodford, Me.*
Howard, Ethel Merrill,	*Worcester.*
Hubbard, Mary Carr,	*Cambridge.*
Jackson, Lavinia Pike,	*Brighton.*
Jewett, Ida Belle,	*North Andover.*
Judd, Florence M,	*Brookline.*
Kagan, Bertha Ida,	*Cambridge.*
Kingsbury, Alice Marshall,	*Boston.*
Knowles, Grace Vincent,	*Cambridge.*
Krebs, Margaret Bolles,	*Boston.*
Latham, Ethel Louisa,	*Melrose.*
Law, Bertha Agnes,	*Cambridge.*
Long, Helen Bowditch,	*Brookline.*
MacBrine, Bessie Claire,	*Medford.*
Maccabe, Beatrice Plummer,	*E. Boston.*
Meckstroth, Bertha Amelia,	*Oak Park, Ill.*
Merrill, Hortense Maria,	*Farmington, Me.*
Morse, Gertrude Elizabeth,	*Newtonville.*
Norman, Mabel,	*Newport, R.I.*
Olmstead, Clara Hahn,	*St. Paul, Minn.*
Osgood, June Bright,	*Brookline.*
Pierce, Mary Ella,	*Whitman.*
Reed, Bessie Cushing,	*Dorchester.*
Reymann, Anna,	*Wheeling, W. Va.*
Reynolds, Mabel Wallace,	*Salt Lake City, Utah.*
Roberts, Edith,	*Cambridge.*
Robinson, Mabel Louise,	*Waltham.*
Sanborn, Grace Cobb,	*Cambridge.*
Sargent, Elisa Anne,	*Boston.*
Sargent, Jessie Augusta,	*Lowell.*
Sargent, Jane Welles,	*Boston.*
Schröder, Adele,	*Boston.*
Sears, Annie Lyman,	*Boston.*
Shaw, Susan Welles,	*Wellesley.*
Sheldon, Ethel,	*Providence, R.I.*
Sherwin, Anne Isabel,	*Boston.*
Silsby, Elizabeth Agnes,	*Cambridge.*
Smith, Mary Shannon,	*Lee.*
Spencer, Katharine Vosburgh,	*Cambridge.*

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Talbot, Harriet Ewart,	*Lowell.*
Thain, Lylian Lawrence,	*W. Everett.*
Thayer, Ida May,	*Haverhill.*
Toppan, Laura Noxon,	*Cambridge.*
Towle, Margaret Elizabeth,	*Dorchester.*
Wales, Amy,	*Newton Centre.*
Willson, Amey Lemoine,	*Providence, R.I.*
Winward, Ethel May,	*Boston.*
Woodman, Alice Louise,	*Cambridge.*
Wright, Helen Mary Katharine,	*Worthing, Sussex, Eng.*
Young, Alena Louise,	*Rockland, Me.*

General Summary.

The number of students in attendance during the present year (computed December 1st) is as follows: —

Graduates	37
Seniors	67
Juniors	66
Sophomores	82
Freshmen	74
Special Students	88
Total	414

ADMISSION OF STUDENTS.

Undergraduates. — The requirements for admission to Radcliffe College are the same as those for admission to Harvard College. Radcliffe College holds no independent examinations for admission, but is authorized to make arrangements by which women may take the Harvard examinations and have their work passed upon by the Harvard examiners. Candidates may be examined either in June or in September. The June examinations may be taken in Cambridge and in other places (see pp. 333, 334) where the Harvard examinations are held. The September examinations are held in Cambridge only.

The June examinations are also open to women who do not intend to enter the College; and to such candidates, if they satisfy fully the requirements for admission, Radcliffe College is authorized to grant a certificate to that effect, bearing the signature of the President of the University.

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Special Students. — Applicants who pass a satisfactory examination on a smaller number of subjects than is called for in the full requirements may be admitted, at the discretion of the Academic Board, to such special courses as they appear to be qualified to pursue.

Students of mature age, who wish to pursue chiefly higher courses of study, may be admitted, at the discretion of the Academic Board, without passing examinations for admission, provided that they satisfy the instructors in the courses which they elect of their fitness to pursue them.

Graduate Students. — Bachelors of Arts of Radcliffe College, and graduates of other colleges of good standing who present satisfactory evidence of character and qualifications, are admitted without examination as Graduate Students in Radcliffe College.

INSTRUCTION.

The Courses of Instruction provided in Radcliffe College are for the most part identical with courses in Harvard University, and are given by the same instructors. The instruction actually given during the present year amounts, in the aggregate, to 76 courses and 50 half-courses. The whole number of teachers is 92, of whom 25 are Professors, 19 Associate or Assistant Professors, and 48 Instructors, or Assistants, in Harvard University.

In addition to the instruction provided by Radcliffe College, a considerable portion (during the present year 33 courses and 39 half-courses) of the advanced instruction offered by the Faculty of Arts and Sciences of the University which is designed primarily for Graduates is open to properly qualified students of Radcliffe College.

Radcliffe College has a select working library of eighteen thousand volumes. It has laboratories of Physics, Chemistry, Zoölogy, and Botany. The students have access to the scientific establishments of the University, and receive instruction to some extent in its laboratories. They have the use of the University Library. Opportunities are afforded to competent students for advanced study and research, and for the publication of results in scientific journals or in special monographs.

DEGREES.

The requirements for the degrees of Bachelor of Arts and Master of Arts are the same as for the corresponding degrees in Harvard University. The diplomas are countersigned by the President of Harvard University and bear the University seal.

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SCHOLARSHIPS.

Sixteen Scholarships, each having an income sufficient to meet the full tuition fee (*two hundred dollars*), are awarded annually to students in Radcliffe College.

The offices of the College are in FAY HOUSE, at the corner of Garden and Mason Streets, opposite Cambridge Common. All applications for information should be addressed to the *Secretary of Radcliffe College, Cambridge, Mass.*

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PART IV

DIRECTORY AND INDEX

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DIRECTORY

OF OFFICERS AND STUDENTS IN ALL DEPARTMENTS OF THE UNIVERSITY.

The italic letter following the name indicates to what department of the University the student belongs:—*B.*, Bussey Institution; *C.*, College; *Dn.*, Dental School; *Dv.*, Divinity School; *G.*, Graduate School; *L.*, Law School; *M.*, Medical School; *S.*, Scientific School. *A. O.* stands for Astronomical Observatory, *F. M.* for the Fogg Museum of Art, *M. Z.* for the Museum of Comparative Zoölogy, *P. M.* for the Peabody Museum, and *U. M.* for the University Museum.

The numbers 1, 2, 3, and 4, preceding these letters, indicate the Freshman, Sophomore, Junior, and Senior Classes respectively in College, or the first, second, third, and fourth years in the Schools. *s* means special student. *gr* means graduate student.

A number enclosed in brackets following the name of an officer indicates the page of this Catalogue on which may be found the full name, degrees, and title of that officer. If an officer is "on leave of absence" for the year, his name is bracketed.

Addresses followed by an asterisk (*) are in Boston; all others are in Cambridge, unless stated to be elsewhere. It will be noticed that the number *precedes* the name of a street, but *follows* the name of a building.

Names of buildings are abbreviated as follows: Bn., Boylston Hall; C., College House; C't, Conant Hall; D., Divinity Hall; F., Foxcroft House; G., Grays Hall; Gnt., Gannett House; H., Hollis Hall; H'ke, Holyoke House; H'y, Holworthy Hall; L., Lawrence Hall; M., Matthews Hall; P., Perkins Hall; S., Stoughton Hall; T., Thayer Hall; W., Weld Hall; W. H., Walter Hastings Hall.

The addresses of students in the professional Schools are given in most cases; but mail matter may be sent to such students addressed to their respective Schools.

Names of places are abbreviated as follows: B'kline = Brookline; Ch's'n = Charlestown; Dor. = Dorchester; Jam. Pl. = Jamaica Plain; Rox. = Roxbury; Somer. = Somerville.

Any discrepancy which may exist between the addresses as given in this Directory and in the former part of the Catalogue arises from the fact that changes were made after the first part of the Catalogue was in press. The addresses as given here are in all cases the later ones.

Abbot, E. H., 3*C.* M. 47
Abbot, E. Q., 1*C.* T. 42
Abbot, J. M., 2*C.* Randolph 53
Abbott, W. P., 1*C.* W. 18
Abeles, J. A., 4*C.* 68 Mt. Auburn
Abeles, J. T., 4*C.* G. 1
Abercrombie, R., 4*C.* Randolph 40
Ach, L. R, 1*C.* 1667 Cambridge
Achorn, K. L., 1*M.* (also 4*S.*) 178 Huntington Ave *
Ackerly, D. T., 2*L.* 1727 Cambridge
Ackerman, P. C., 1*C.* P. 39
Acosta, R. M., 3*C.* Claverly 22
Alamian, P. A., 1*M.* 1607 Washington*
Adams, A. D., 2*L* Somer.
Adams, C. A, *Asst. P of.* [14] 13 Farrar
Adams, C. F *Overseer* [5] 23 Court*
Adams, C. F. 2d, *Treasurer* [3] 50 State*
Adams, C. W., 2*M.* 335 Harvard
Adams, E. B., *Lectr.* [25] 50 State*
Adams, G. E., *Overseer* [4] 580 Belden Ave., Chicago, Ill.
Adams, G. P., 4*C.* H'y 21
Adams, H. T., 1*C.* S. 2
Adams, J., 2*C.* T. 52
Adams, J. M., 4*C.* 5 Howland
Adams, James W., 1*L.* 20 Prescott
Adams, John W., 2*C.* 1132 Mass. Ave.
Adams, K. E., 4*S.* 69 Mt. Vernon
Adams, L. L, 1*L.* P. 19
Adams, M. P., 3*S.* T. 66
Adams, P., 4*C.* 45 Oxford
Adams, P. H., 2*C.* Beck 44
Adams, R. M., 2*C.* P. 64

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Adams, S. C., 2*S.* Westmorly 146
Adams, Z. B., 4*M.* Framingham
Adler, M. A., 4*C.* H'ke 25
Adler, Z., 2*L.* 42 Kirkland
Aertsen, G., 2*C.* Westmorly 131
Afong, A. F., *sC.* Dunster 41
AGASSIZ, A., *Director of U. M.* [6] Newport, R. I.
Ahern, J. L., 1*M.* 29 Concord Sq.*
Ahrens, A., *sC.* 12 Sumner
Ainsworth, G. R., 4*S.* Randolph 15
Albee, F. H., 4*M.* 71 Commonwealth Ave., B'kline
Albright, L., 4*C.* Randolph 42
Alden, F. A., 2*C.* 60 Gorham
Alden, H. K., 1*C.* C. 17
Aldred, F. W., 1*C.* 61 Cushing, Waltham
Aldrich, C. E., 1*G.* 136 Townsend, Rox.
Aldrich, H. W., 1*Dn.* 15 Warren Ave.*
Aldrich, R. W., 3*S.* (also 2*B.*) W. 1
Alexander, J., 2*L.* 62 Wendell
Alexander, P. J., 3*L.* 71 Hammond
Alexander, R. R., 3*C.* T. 38
Allee, G. M., 3*C.* 78 Oxford
Allen, B. F., 2*L.* 23 Everett
Allen, C. R., 1*G.* 988 Mass. Ave.
Allen, F. J., 1*G.* 13 Pleasant Ave., Somer.
Allen, G. M., 2*G.* P. 68
Allen, H., *sL.* Winthrop 3
Allen, H. L., 4*M.* 186 Hamilton, Dor.
Allen, H. S., 4*C.* Randolph 7
Allen, J. S., 3*L.* W. H. 22
Allen, P. H., 3*C.* Fairfax 34
ALLEN, S. W., *Asst.* [28] 509 Beacon*
Allen, W. G. R., 3*C.* Ware 53
Alling, B. W., 1*L.* 1208 Mass. Ave.
Allison, R. M., 1*L.* 89 Inman
Allter, H. D., 2*C.* W. H. 59
Almy, T., 2*C.* 54 Dunster
ALSBERG, C. S., *Asst.* [30] 688 Boylston*
Alward, R. C., *sC.* Fairfax 36
Ambrose, C. M., 1*L.* Somer.
Ames, A., 4*C.* Claverly 29
Ames, C. B., 4*C.* F. 16
Ames, C. L., 1*C.* H'ke 8
Ames, F. E., 4*C.* W. 48
AMES, J. B., *Prof.*, and *Dean of Law Faculty* [8] 11 Frisbie Pl.
AMES, J. L., *Asst.* [27] 72 Chestnut*
Ames, J. S., 1*L.* Beck 25
Ames, L. D., 3*G.* 46 Crescent Ave.
AMES, O., *Instr.* [20], and *Asst. Director of Botanic Garden*, No. Easton
Ames, S. D., 2*L.* Ware 14
Ammidon, P. R., 2*C.* 24 Beech
Amory, I., 3*M.* 133 Marlboro*
Amory, R., 1*C.* Fairfax 41
Amsden, G. S., 2*M.* 2 St. Botolph*
Anderson, A. R., 2*G.* 105 Hammond
Anderson, C. S., 3*L.* P. 11
Anderson, R. B., 3*L.* Lawrence 33
ANDREW, A. P., *Instr.* [15] Russell 10
Andrews, A. I., 1*G.* 2 Gorham
Andrews, A. LeR., 1*G.* 15 Sacramento
Andrews, C. E., 3*C.* W. 33
Andrews, F. F., 3*M.* 65 Chelsea, E.*
Andrews, H. LeS., 1*C.* 1044 Mass. Ave.
Andrews, H. W., 2*S.* 74 Oxford
Andrews, R. E., 4*M.* 1044 Mass. Ave.
Andrus, L. A., 1*S.* W. H. 1
Andrzejewski, S., 2*Dn.* 26 Isabella*
Angelis, P. de, 3*C.* 100 Mt. Auburn
Angier, R. P., 4*G.* 8 Prescott
Angle, W. M., 4*C.* M. 8
Annable, C. W., 2*C.* 49 Elm, Ch's'n
Anshutz, J. P., 3*C.* 12 Day
Anspacher, P. B., *sL.* Austin Hall
Anthony, W., 1*C.* Fairfax 30
Appleton, F. H., 4*C.* Russell 17
Appleton, W. H., 1*C.* Westmorly 24
Apted, C. R., *sS.* 109 Ellery
Archibald, W. S., 4*C.* H. 10
ARENSBERG, C. F. C., *Asst.* [23] (also 2*L.*) Everett 55
Arensberg, F. L., 3*S.* Everett 54
Arkin, L., 3*M.* 100 Mt. Auburn
Armstrong, G., *sC.* 68 Mt. Auburn
Armstrong, G. N., 1*G.* 47 Sacramento
Armstrong, G. P., 4*S.* 7 Oak, Belmont
Armstrong, R. A., 1*G.* 1689 Cambridge
Arnold, H. P., 1*C.* 153 Elm, Quincy
ARNOLD, J. H., *Librarian of Law School* [16], 10 Frisbie Pl.
Arnold, J. R., 1*C.* C. 40
Arnold, R. M., 1*L.* 1593 Mass. Ave.
Ascher, J., 2*M.* 9 Decatur*
Ashmead, J. E., *sL.* 39 Irving
ASHTON, C. H., *Instr.* [18] 81 Maple Ave.

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Atherton, P. A., 3*L.* Craigie 202
Atherton, R., 2*C.* Westmorly 144
Atwood, H. H., 1*L.* M. 30
Atwood, I. M., 3*C.* Dana 36
Auten, E., 3*C.* G. 46
AVERILL, A. B., *Clerk in Recorder's Office* [33] 108 Austin
AYDELOTTE, F., *Asst.* [23] (also 1*G*). 54 Garden
Ayer, E. M., 4*S.* 150 Quincy, Rox.
Ayer, J. B., 4*C.* Gnt. 1
AYRES, C. H., *Instr.* [20] (also 1*L.*) Everett 44
Ayres, D. R., 2*C.* 5 Linden
Ayres, H. W., 3*M.* W. Somer.

BABBITT, I., *Instr.* [14] 6 Kirkland R'd
Bachrach, C. G., 2*C.* 65 Hammond
Bacigalupi, T. J., 1*L.* 32 Gorham
Bacon, A. R., 1*C.* 469 Broadway
Bacon, E. S., 2*L.* 4 Riedesel Ave.
Bacon, J., *sC.* 19 Ellsworth Ave.
Bacon, L. M., 2*C.* 125 Orchard, W. Somer.
BACON, N. S., *Asst.* [22] 1603 Mass. Ave.
BACON, R., *Overseer* [5] 23 Wall, New York, N.Y.
Bacon, R. B., 4*C.* 7 Sumner
BADGER, G. S. C., *Asst.* [29] 483 Beacon*
Badt, W., 3*C.* 1709 Cambridge
Baer, W. G., 2*C.* W. 22
Bailey, C. P., 1*S.* Claverly 30
Bailey, F. J., 4*M.* 5 Cumston St.*
Bailey, F. W., 2*C.* P. 8
Bailey, J. O., 1*C.* 381 Harvard
BAILEY, M. H., *Medical Visitor*, [17] 47 Brattle
BAILEY, S. I., *Assoc. Prof.* [12] Observatory
Bain, H. Y., 1*C.* 412 Newbury*
Baines-Griffiths, D., 1*G.* 4 Gorham
Baird, A. V., 3*C.* 52 Plympton
Baird, S., 4*C.* Randolph 7
Baker, D. F., 1*L.* 63 Wendell
Baker, E. H., 1*C.* 112 Lake View Ave.
Baker, E. W., 3*C.* Hampden 45
Baker, G. K., 1*C.* 33 Bow
BAKER, G. P., *Asst. Prof.* [13] 195 Brattle
Baker, H. B., 4*C.* T. 62
BAKER, H. F., *Proctor* [25] (also 3*L.*) 20 Prescott
Baker, H. W., 1*M.* (also 4*S.*) Claverly 29
Baker, L. A., 3*M.* Harv. Med. Sch.*
Baker, L. T., 2*M.* 37 Newbury*
BAKER, L. W., *Asst.* [31] Pierce Bldg*
BAKER, W. W., *Instr.* [20] 1657 Cambridge
Balboni, G. M., 3*M.* W. Rox.
BALCH, F. G., *Asst.* [27] 279 Clarendon*
Baldwin, B. T., 1*G.* 12 Kirkland Pl.
Baldwin, C. H., 3*M.* Medford
Baldwin, J. R., 2*S.* P. 64
Baldwin, R. N., 2*C.* Dana 26
Baldwin, W. A., 1*C.* Russell 25
Ballantine, A. A., 3*C.* Ware 11
Ballantine, H. W., 2*L.* 32 Mellen
Ballard, H. H., 3*C.* G. 49
Ballentine, F. G., 3*G.* 7 Ashton Pl.
Ballinger, L., 1*G.* Drayton 2
Balmer, E., 1*G.* P. 85
Bamber, S., 3*L.* 46 W. Cottage, Rox.
Bancroft, J. B., 4*S.* Craigie 303
Bancroft, P., 1*L.* 13 Kirkland Pl.
BANCROFT, W. A., *Overseer* [4] 12 Ware
Bangs, E. G., *sS.* Hampden 49
BANGS, O., *Asst. M. Z.* [639] 240 Beacon*
Barber, R. F., 3*C.* S. 32
Barbey, P. L., 1*C.* Randolph 23
Barbour, T., 1*C.* C't 13
Bard, D. C., 4*C.* T. 51
Barker, B. D., 3*L.* Randolph 25
Barker, M. L., 1*M.* 37 Holyoke*
Barker, Wallace W., 2*C.* 6 Ashton Pl.
Barker, Williston W., 1*M.* 43 St. Stephen*
Barklage, W. F., 1*S.* C. 43
Barlow, H., 1*G.* Read's 32
Barnard, C. A., 2*L.* W. H. 45
Barnard, L. W., 2*C.* W. H. 39
Barnard, P. G., 2*L.* 15 Ware
Barnefield, R. T., 3*L.* P. 44
Barnes, C., 3*C.* Little's 9
Barnes, C. A., 2*C.* 49 Oxford
Barnes, E. B., 2*L.* 1750 Cambridge
Barnes, T. L., 1*G.* Waltham
BARNES, W. L., *Proctor* [25] (also 3*M.*) C. 5
Barney, J. D., 3*M.* 34 Perrin, Rox.

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Baron, M., 2*C*. 57 Wendell
Barr, W. G., 3*C*. 1172 Mass. Ave.
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Barrett, R. E., *sS*. Framingham
Barrett, R. R., *sC*. Concord
Barron, A. J., 1*L*. 23 Mellen
Barron, E. F., *sC*. Beck 46
Barron, E. W., 4*M*. Ch's'n
Barrow, G. A., 4*C*. 16 Mansfield, Allston
Barrows, F. G., 1*C*. T. 1
Barry, C. W., 4*C*. T. 45
Barry, E. A., 2*C*. 1691 Cambridge
Barry, J. W., *sS*. 1556 Cambridge
Barry, P., 3*G*. 33 Ball, Rox.
Barstow, F. V., 3*C*. D. 31
Bartels, E. G., 1*C*. Everett 36
Batholomew, D. C., 1*C*. Craigie 407
Bartlett, D. E., 3*M*. Mass. Gen. Hosp.*
[Bartlett, G. A., *Assoc. Prof.* and *Regent*,] [8] Am Exp. Co., Paris, France
Bartlett, H., 3*C*. T. 55
Bartlett, J. C., 3*L*. 43 Irving
Bartlett, N. S., 4*C*. Westmorly 7
Bartlett, W. B., 1*M*. S. 31
Bartol, J. W., *Asst*. [27] 48 Chestnut*
Barton, F. M., 4*C*. T. 42
Barton, G. S., 4*C*. Westmorly 6
Bartsch, R. C. B., 2*S*. 186 Temple, W. Rox.
Bassett, G. K., 1*L*. 40 Kirkland
Bassett, T. B., 2*C*. 20 Holyoke
Bassity, J. F., 3*L*. 85 C, So.*
Bastian, G. L., 3*M*. 26 Montrose, Rox.
Batchelder, W. O., 2*S*. M. 44
Bateman, T. R., 3*L*. 30 Chambers*
Bates, O., 1*C*. 60 Mt. Auburn
Batten, R. M., 2*S*. Read's 30
Bauer, C. H., 2*S*. T. 2
Bauer, F. G., 3*L*. Jam. Pl.
Bauer, F. R., 3*S*. M. 52
Baumgarten, K., 4*S*. P. 46
Baxter, G. P., *Instr*. [15] Bn. 12
Baxter, J. K., 4*C*. 37 Trowbridge
Baxter, R. M., 1*L*. 1132 Mass. Ave.
Baxter, W. M., 2*S*. 37 Trowbridge
Baxter, Z. C., 2*C*. Well sley
Baylor, R. V., 1*L*. Winthrop 17
Beach, H. H. A., *Lectr*. [25] 28 Commonwealth Ave.*
Beach, R. W., 1*C*. 46 Mt. Auburn
Beach, S. J., 2*M*. Wayland
Beal, A. R., 2*S*. 5 Craigie
Beal, T. P., 3*C*. Westmorly 25
Beale, A. S., 2*C*. 40 Irving
Beale, J. H., *Prof*. [12] 29 Chauncy
Beals, E. H., 3*C*. C. 48
Beals, F. H., 1*G*. 1 Trowbridge Ter.
Beals, L. S., *Auditor of Randall Hall Ass'n* [33] (also 3*M*.) C. 17
Beals, S. L., 2*L*. Fairfax 39
Bean, H. C., 2*C*. T. 15
Bean, R. M., 4*C*. T. 15
Beane, A. E., 1*L*. 9 Ellery
Bear, O. L., 4*C*. D. 19
Beardsley, C., *Instr*. [19] 378 Harvard
Beatman, A. S., 4*C*. 1682 Cambridge
Bechtel, E. DeT., 4*C*. M. 27
Becker, S. K., 1*S*. W. 52
Beckwith, P. L., 1*C*. M. 26
Bedal, W. S., 1*L*. Trinity 12
Beebe, L., 1*C*. Hampden 8
Beebe, M. C., *sS*. 2 Pemberton
Beede, V. van M., *sC*. 15 Trowbridge
Beeley, L. G., 3*M*. C. 5
Behr, F. H., *sC*. 1200 Mass. Ave.
Behr, G. E., *Asst*. [23] (also 2*G*.) Wadsworth 9
Belcher, A. W., 3*C*. P. 56
Belden, C. F. D., *Asst. Librarian of Law School*, [p. 16] W. H. 52
Belden, G. F., *sS*. 11 Sumner
Belding, A. W., 3*C*. 42 Kirkland
Bell, C., 3*M*. 164 Brattle
Bell, E., 2*C*. Randolph 29
Bell, J. C., 1*G*. 49 Wendell
Bell, J. P., 3*L*. Prescott 8
Bell, J. W., 1*S*. 26 Bow, Somer.
Bell, W. H. L., 3*C*. Craigie 402
Bellamy, J. B., 2*C*. 53 Dunster
Bellamy, P., 1*C*. C. 62
Bellamy, W., 2*C*. C. 52
Bellows, H. A., 1*C*. Craigie 405
Belmont, A., 2*C*. Randolph 17
Benedict, C. G., 2*C*. Ware 34
Benedict, H. E., *Asst*. [24] (also 4*C*.) 61 Gorham
Benedict, R. P., 4*C*. S. 20
Benesch, A. A., 3*L*. C. 2
Bennett, A. E., 2*C*. 1727 Cambridge
Bennett, A. L., 3*C*. S. 14
Bennett, H., 3*C*. G. 22
Bennett, H. H., 3*C*. Westmorly 136
Bennett, H. W., 2*C*. G. 22

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Bent, J. S., 4*C.* M. 37
Benton, A. C., 1*C.* T. 11
Berg, A. J., 1*C.* 32 Pearl
Berghoff, A. C., *sL.* 8 Prescott
Bergson, H., 3*C.* 19 Longfellow, Dor.
Bergson, S., 1*S.* 19 Longfellow, Dor.
Bergstresser, J. L., 2*C.* 41A Irving
Bernbaum, E., 4*C.* 6 Acacia
Bernstein, H. S., 3*C.* 1709 Cambridge
Bernstein, L. T., 3*C.* Little's 1
Berry, H. H., 3*C.* Randolph 39
Berry, J. F., 2*L.* 54 Dunster
Berry, N. L., 4*M.* W. Newton
Berry, S. A., 3*C.* C't 30
Berry, W. E., 3*C.* 16 Athens
Bertolet, W. M., 3*C.* W. H. 38
Best, J. A., 2*L.* 83 Hammond
Bettman, G., 4*C.* Ware 11
Beyer, H. G., 1*C.* Craigie 405
Bezerra, D. N., *sS.* Felton 36
Bianco, J. A., 2*M.* Orient Heights
Bickley, L. W., 3*S.* 30 Jay, Arlington
Bicknell, A. I., 1*C.* 330 Harvard
Biddle, M., 2*C.* Westmorly 104
Biddle, W. E., 2*S.* Ware 39
Bidwell, R. A., 3*L.* C't 37
Bierwirth, H. C., *Instr.* [12] 15 Avon
Bigelow, A. F., 4*C.* Russell 11
Bigelow, C., 2*C.* Westmorly 123
Bigelow, E. B., 3*M.* 10 Blackwood*
Bigelow, Henry B., 1*G.* Cohasset
Bigelow, Hosea B., 2*C.* Craigie 301
Bigelow, L. L., 1*L.* Craigie 301
Billings, H. C., 2*C.* Everett 25
Bingham, H., 3*G.* 12 Reservoir
Birckhead, M. H., 4*C.* H'y 9
Bird, C. S., 1*C.* Claverly 34
Bird, F. W., 3*C.* Claverly 9
Birnie, J. M., 1*M.* 428 Newbury*
Bishop, H., 3*S.* T. 47
Bishop, J. T., 2*C.* Newton Centre
Bishop, R., 2*L.* 1075 Boylston*
Bishop, W. A., 2*C.* W. 12
Black, A., 4*C.* H'y 10
Black, O. F., *Asst.* [22] 10 Avon
Black, R., 2*C.* W. H. 19
Black, R. W., 1*G.* 14 Park Sq.*
Blackwell, H. L., 3*G.* T. 34
Blagden, A. C., 1*C.* Claverly 25
Blagden, T., 3*C.* Claverly 38
Blagden, W. P., 3*C.* Claverly 43
Blaikie, S., 4*C.* Read's 19
Blair, C. F., 1*L.* 10 Mellen
Blair, O. C., 4*M.* 10 Greenwich P'k*
Blair, P. A., 1*C.* Dunster 16
Blaisdell, E. C., *Instr.* [32] Portsmouth, N.H.
Blake, A. H., 3*M.* 18 Prentiss
Blake, C. J., *Prof.* [7] 226 Marlboro*
Blake, G., 2*M.* 212 Beacon*
Blake, J. A. L., 1*M.* 37 Beacon*
Blake, J. B., *Asst.* [27] 302 Beacon*
Blake, W. B., 2*C.* W. 13
Blakeslee, A. F., *Austin T. F.* [21] (also 4*G.*) 12 Kirkland Pl.
Blakeslee, R. E., 2*C.* T. 52
Blanchard, A. F., 3*C.* 159 Upland R'd
Blanchard, E. B., 1*C.* 11 Traymore
Blanchard, M., 2*C.* 62 Brattle
Blanchet, J. V., 2*C.* P. 71
Bland, R. H., 1*L.* Prescott 3
Blaschka, R., *Artist-naturalist* [11] U. M.
Blatterman, S. M., 1*C.* Everett 41
Blaxter, H. V., 2*C.* 31 Bow
Blayney, J. McC., 2*L.* W. H. 9
Bleakie, R. M., 3*S.* Hampden 5
Blodgett, F. B., 3*Dv.* Lexington
Blodgett, J. H., 2*S.* T. 44
Blodgett, W. E., 1*C.* 94 Prescott
Blossom, C. W., 3*S.* Randolph 41
Bluestone, H., 1*C.* 42 Kirkland
Blythe, H., 3*L.* (also *Gr. Treas. Athletic Comm.*) [657] Westmorly 45
Boardman, E., 3*C.* 49 Oxford
Boardman, G. D., 4*C.* Westmorly 6
Boardman, W. E., *Librarian of Dn. Sch.* and *Cur. of Dn. Mus.* [16] 184 Boylston*
Boardman, W. P., 2*M.* 388 Marlboro*
Bobb, D. St. J., *Proctor* [25] (also 3*L.*) Gnt. 2
Bôcher, M., *Asst. Prof.* [13] 14 Avon
Bock, C., 3*L.* H'ke 25
Bodfish, C. S., 2*C.* 1527 Cambridge
Boericke, W. F., 1*C.* 12 Oxford
Boggs, F. G., 1*S.* W. H. 5
Boggs, G. R. J., 1*C.* Craigie 403
Bohon, E. C., *sC.* 2 Highland P'k
Bolan, H. R., 2*C.* Craigie 204
Bollard, R. H., 2*C.* W. 26
Bolles, M., 2*S.* 37 Bow
Bolton, C. C., 2*C.* Westmorly 146

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BONAPARTE, C. J., *Overseer* [4] 216 St. Paul, Baltimore, Md.
Bond, H. H., 3*C.* M. 60
Bonelli, E. H., 1*C.* T. 20
BONNET, F., *Asst.* [23] (also 4*G.*) Wadsworth 9
Bonsall, W., 3*L.* 10 Mellen
Booth, E. L., 2*C.* 160 Leyden, E.*
Booth, S. B., 1*C.* H'ke 37
Borden, R. R., 1*C.* Hapgood 11
Boswell, F. P., 2*G.* W. H. 46
Bosworth, F. D., 2*M.* 38 Gorham
BOTTOMLEY, J. T., *Asst.* [28] 139 Beacon*
Bourne, R. C., 3*C.* Ware 45
Bourne, R. W., 3*C.* T. 22
Boutell, R. S. G., 3*C.* 469 Broadway
BOUTON, C. L., *Instr.* [14] Craigie 503
Boutwell, H. K., 4*M.* 73 Pinckney*
Bowditch, E., 4*C.* H'y 13
Bowditch, H., 2*C.* S. 12
BOWDITCH, H. P., *Prof.* [7] Jam. Pl.
Bowditch, J. P., 2*C.* Westmorly 126
Bowen, C. R., *grDv.* D. 25
BOWEN, J. T., *Asst. Prof.* [11] 14 Marlboro*
Bowen, J. T., 3*C.* 1686 Cambridge
Bowen, R. M., 4*C.* Dana 41
Bowers, G. F. H., 1*C.* 11 Howland
Bowie, J. H., 4*C.* 1716 Cambridge
Bowie, W. R., 3*C.* H'y 7
Bowker, H. W., 2*L.* H'ke 11
Bowman, I., 3*S.* 94 Wendell
BOXMEYER, C. H., *Austin T. F.* [31] 12 Mt. Auburn
Boyce, J. L., 2*L.* Craigie 302
Boyd, D. H., 1*M.* 3 Sumner
Boyd, J. H., *sL.* 378 Harvard
Boyd, J. T., 1*C.* Craigie 508
Boyden, G. H., 2*C.* C. 67
BOYDEN, R. W., *Gr. Mem. Athletic Comm.* [657] 60 State*
Boyle, J. F., 4*M.* 32 Whipple, Lowell
Boyle, J. J., 2*M.* 351 Norfolk
Boylston, A. C., 4*C.* S. 3
Boylston, H. M., 4*S.* C. 18
Boylston, S. S., *sS.* 16 Oxford
Boynton, A. J., 2*G.* 10 Sumner
BOYNTON, H. C., *Austin T. F.* [21] Rotch Lab.
Braastad, J. N., 2*C.* 1673 Cambridge
BRACKETT, C. A., *Prof.* [9] Newport, R. I.
BRACKETT, E. G., *Asst.* [27] 133 Newbury*
Brackett, H. D., 2*G.* 58 Hammond
Brackett, J. G., 2*L.* Arlington
Brackett, Q. A., 1*C.* P. 14
Bradbury, W. F., 1*C.* 1033 Mass. Ave.
Brade, W. A., 1*L.* 1134 Mass. Ave.
BRADFORD, E. H., *Asst. Prof.* [9] 133 Newbury*
Bradlee, D. H., 3*S.* Medford
Bradley, C. B., 3*C.* Claverly 30
BRADLEY, F., *Instr.* [32] Newport, R. I.
Bradley, J. C., 2*L.* W. H. 11
Bradley, J. D. C., 1*C.* Randolph 20
BRADLEY, J. G., *Proctor* [25] (also 2*L.*) Randolph 27
Bradley, W. H., 1*C.* 60 Mt. Auburn
Bragdon, A. D., 1*G.* 12 Oxford
Brainard, G. H., 1*C.* 4 Arrow
Braithwaite, E. E., *grDv.* 37 Walden
Bramhall, C. W., 4*C.* 11 Sumner
Bramhall, O. H., 2*C.* 46 Dana
Bramwell, G. A., 2*C.* Randolph 62
Branch, O. W., 2*L.* W. 31
Brand, W. C. H., 2*L.* Providence, R. I.
Brandmiller, H., 1*L.* 42 Irving
Brandon, J. V. J., 2*C.* 68 Mt. Auburn
Brandyce, H. D., 3*C.* G. 21
Brannan, D., 2*C.* 56 Plympton
BRANNAN, J. D., *Prof.* [9] 3 Berkeley
Breed, A. F., 1*S.* 40 Kirkland
Breed, E. F., 4*C.* M. 35
Breed, E. T., 4*C.* S. 4
Breese, S. S., 2*C.* Westmorly 121
BREMER, J. L., *Instr.* [30] 416 Beacon*
Brennan, T. F., 3*C.* W. H. 61
Brennan, T. J., 3*M.* 306 B'way, So.*
Brennick, H. E., 1*C.* 804 E. 3d, So.*
Brett, H., 2*C.* W. 45
Brewer, C., 4*C.* Quincy 10
Brewer, C. H., 2*Dv.* D. 3
Brewer, R. E., *sS.* 320 Marlboro*
Brewster, C., 4*C.* 56 Plympton
BREWSTER, G. W. W., *Asst.* [28] 277 Clarendon*
BREWSTER, W., *Asst. M. Z.* [639] 145 Brattle
Bridge, J. L., 4*M.* 108 Huntington Ave.*

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Bridges, F. W., *sL.* 90 Hammond
Bridgman, B., 1*C.* H'ke 23
Bridgman, P. W., 3*C.* T. 43
Briesen, E. von, 3*L.* 65 Hammond
Briggs, E. C., *Prof.* [10] 129 Marlboro*
Briggs, J. DeQ., 1*C.* 140 Brattle
Briggs, LeB. R., *Prof.*, and *Dean of Faculty of Arts and Sciences*, [10] 140 Brattle
Briggs, W. B., *Supt. of Read. Rm. Coll. Lib.* [16] 33 Lexington Ave.
Brigham, H. R., 1*L.* Little's 23
Brigham, W. B., 2*C.* 6 Holyoke Pl.
Brine, E. L., 3*M.* 40 Houghton, Somer.
Brinkman, H. A., *sC.* 1663 Cambridge
Brinsmade, F. G., 3*C.* G. 28
Broadhurst, E. T., 2*L.* 42 Kirkland
Brock, J. W., 2*C.* Westmorly 131
Brock, S. F. T., 1*S.* Westmorly 44
Brodeur, E. A., 3*C.* C. 48
Brooks, A., 2*C.* 22 Mt. Auburn
Brooks, E. M., 3*L.* Wellesley
Brooks, G., 2*C.* Westmorly 31
Brooks, J. H., 2*C.* 5 Linden
Brooks, L., *sS.* Russell 16
Brooks, L. G., 1*L.* H. 30
Brooks, R. H., 3*M.* 122 Huntington Ave.*
Brooks, S. D., 1*G.* W. Rox.
Brooks, W. C., 4*C.* Randolph 32
Brooks, W. D., 4*C.* 371 Commonwealth Ave.*
Brooks, W. G., 1*M.* 3 Newbury*
Brown, A. M., 4*C.* Randolph 14
Brown, B. H. I., *sL.* 28 Gorham
Brown, C. F., 3*G.* 39 Ellery
Brown, C. G., *sC.* 42 Holyoke
Brown, C. H., 2*C.* C't 5
Brown, C. W., 4*C.* Craigie 205
Brown, D., 1*G.* 10 Oxford
Brown, E. C., 2*C.* 1653 Cambridge
Brown, E. S., *sC.* 74 Magee
Brown, F., *Preacher*, [18] New York, N.Y.
Brown, F., 3*C.* M. 31
Brown, F. A., *sS.* C. 24
Brown, F. L. S., 3*Dn.* 352 Columbus Ave.*
Brown, F. W., 1*G.* Concord
Brown, H. C., 2*G.* 40 Kirkland
Brown, H. I., 1*S.* Box 54, Waverley
Brown, H. LeR., 3*C.* Craigie 502
Brown, H. P., 4*C.* 54 Dunster
Brown, H. S., 1*C.* P. 30
Brown, L., 3*C.* Westmorly 27
Brown, L. R., 1*G.* 30 Sacramento
Brown, L. T., 4*C.* Russell 24
Brown, N. P., 3*L.* 38 Oakes, Everett
Brown, R. W., 1*C.* 258 Mass. Ave.*
Brown, W. A., 1*C.* M. 24
Brown, W. H., *sS.* Hampden 42
Browne, P. R., 2*S.* 1686 Cambridge
Brownell, B. G., 1*C.* P. 60
Brownell, C. A., 2*C.* 25 Holyoke
Brownell, M. R., 1*L.* 48 Brattle
Bruce, C. W., 1*S.* 24 Reedsdale, Allston
Bruce, G. H., 2*C.* 45 Trowbridge
Bruce, H. M., 1*M.* 45 Trowbridge
Bruère, H., 1*G.* 147 Mt. Pleasant Ave.*
Brun, A., *Instr.* [18] 39 Ellery
Brune, E. L., 2*L.* 40 Kirkland
Bryant, C. E., 2*M.* Hyde Park
Bryant, E. Sohier, 1*C.* 56 Plympton
Bryant, E. Solon, 3*C.* 98 Belmont, Somer.
Bryant, J., 4*C.* 56 Plympton
Bryant, O., 2*C.* 56 Plympton
Bryant, R. W., 2*S.* Randolph 51
Bryant, W. L., 1*L.* 469 Broadway
Bubier, T. S., 2*L.* 23 Fayette, Lynn
Buchanan, M. G., 3*L.* 53 Oxford
Buck, C. D., *Lectr.* [18] Felton 7
Buckborough, S. A., 4*C.* 23 Mellen
Bucke, J. H., 1*S.* 10 Andrew
Buckingham, E. M., *Instr.* [26] 342 Marlboro*
Budd, G. S., 2*G.* 18 Leonard Ave.
Buffum, F. S., 2*S.* Russell 26
Bullard, C. S., 2*M.* 929 Mass. Ave.
Bullard, L., 2*S.* (also 2*B.*) 10 Oxford
Bullen, R., 2*S.* 16 Howland
Bullen, W. B., 2*Dv.* D. 12
Bullivant, S. L., 4*C.* 28 Holyoke
Bullock, R. H., 4*C.* Apthorp 3
Bunting, R. V., 2*S.* Craigie 404
Bunting, W. M., 2*C.* Westmorly 143
Bunton, H. R., 1*L.* 1699 Cambridge
Burchard, L., 1*S.* Craigie 407
Burchard, R. B., 3*L.* 45 Bay State R'd*
Burchenal, C. E., 1*L.* 48 Irving
Burden, A. S., 2*S.* 9 Bow
Burden, J. W., 1*C.* Claverly 25
Burgess, J. A., 3*C.* H. 8

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Burke, F. R., 4*M.* Quincy
Burke, J. A., 3*C.* H. 23
Burke, J. W., 3*L.* H. 23
Burke, W. S., *Asst. Prof.*, and *Inspector of Grounds and Buildings*, [13] 13½ Hilliard
Burlingham, C., 1*C.* Little's 14
Burnet, A. R., *sC.* 39 Ellery
Burnett, C. T., 5*G.* 888 Mass. Ave.
Burnett, F. L., 2*M.* Elmwood Ave.
Burnett, G. H., 1*C.* Beck 42
Burnham, A. S., *Instr.* [32] 201 Main, Gloucester
Burnham, E. L., 3*C.* Drayton 11
Burnham, L. P., 1*G.* P. 49
Burnham, W. A., 3*C.* Claverly 43
Burns, A. H., 1*S.* 25 Holyoke
Burns, J. L., 1*C.* 379 Harvard
Burns, N. B., *sC.* P. 32
Burns, T. F., 1*C.* 17 Nichols Ave., Watertown
Burns, T. R., 1*S.* 17 Nichols Ave., Watertown
Burns, W. L., 2*M.* 159 Huntington Ave.*
Burr, I. T., 1*C.* Claverly 49
Burr, W. F., 1*C.* Craigie 103
Burrage, T. J., 4*M.* 67 Pinckney*
Burrell, H. L., *Asst. Prof.* [10] 22 Newbury*
Burrill, A. C., 2*S.* C. 67
Burton, H. E., *Instr.* [19] Hanover, N.H.
Burton, S., 4*C.* Claverly 14
Bush, S. T., 3*C.* 10 Ashton Pl.
Busse, P. G. A., *Asst.* [23] (also 1*G.*) 67 Oxford
Butler, A. M., *Asst.* [24] (also 4*S.*) G. 20
Butler, C. S., *Asst.* [29] 257 Newbury*
Butler, F. O., 4*C.* Trinity 9
Butler, M. B., 1*L.* 1599 Mass. Ave.
Butler, M. P., 4*S.* T. 60
Butler, P. F., 4*M.* 95 Cushing Ave., Dor.
Butterfield, F. C., 2*C.* 32 Lake, Arlington
Buttrick, H. I., 1*C.* 9 Wendell
Butz, R. O., 1*C.* Drayton 18
Byerly, W. E., *Prof.* [9] 39 Hammond
Byers, N. E., 1*G.* 49½ Sacramento

Cabot, A. T., *Fellow*, [3] 1 Marlboro*
Cabot, H., *Asst.* [29] 1 Marlboro*
Cabot, J. H., *Asst.* [23] (also 1*G.*) Westmorly 135
Cabot, R. C., *Lecturer* [18], and *Asst. M.* 190 Marlboro*
Cabot, S., 1*C.* Apley 51
Cady, F. B. M., 4*C.* 17 Hurlbut
Cady, W. C., 2*C.* 17 Hurlbut
Calder, H. G., 1*M.* 459 Mass. Ave.*
Caldwell, A., 1*G.* 56 Highland Ave.
Calhane, D. F., *Asst.* [22] (also 7*G.*) Haverhill
Calhoun, H. L., *grDv.* 71 Sacramento
Callahan, H. A., 1*M.* 2 Wise, Jam. Pl.
Callaway, T., 1*C.* Westmorly 22
Calusdian, C. H., 2*Dn.* Jam. Pl.
Camp, B. H., 1*G.* 1697 Cambridge
Campau, F. D., 1*L.* 53 Oxford
Campbell, A. R., 4*S.* 61 Gorham
Campbell, P. S., 1*C.* 185 Franklin
Campbell, R. G., *sS.* 42 Kirkland
Campbell, S., 1*G.* 102 River
Candee, F. L., 2*C.* 47 Brattle
Cannon, W. B., *Instr.* [30] 14 Avon Pl.
Capotosto, A. A., *Asst.* [24] (also 2*L.*) 30 Hull*
Carbone, G., *grM.* 688 Boylston*
Carleton, C. R., 1*C.* Craigie 505
Carleton, H. J., 4*C.* T. 23
Carleton, P. G., *Instr.* [21] Everett 21
Carleton, W. D., 1*L.* B'kline
Carleton, W. S., 1*C.* Westmorly 141
Carlisle, F. H., 3*M.* Malden
Carlisle, J. M., 2*L.* Winthrop 27
Carlton, F. C., 2*S.* 65 Hammond
Carlton, H. A., *Asst.* [24] (also 1*G.*) 33 Holyoke
Carlton, L. F., 3*C.* 31 Holyoke
Carney, F., *Asst. in Coll. Library*, [16] 1654 Mass. Ave.
Caro, M., 2*L.* 255 Chestnut, Chelsea
Carpenter, A. St. V., 2*C.* Westmorly 143
Carpenter, D. F., 3*L.* W. H. 47
Carpenter, F. W., *Asst.* [23] (also 3*G.*) Trinity 11
Carpenter, L., 3*C.* Little's 9
Carr, L. P., 3*C.* 18 Shepard
Carr, P., 3*C.* G. 38
Carr, P. W., 2*M.* 8 Pond, Hyde P'k

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Carr, W. Z., 1*C.* 28 Holyoke
Carrick, F. A., 1*S.* 14 Trowbridge Pl.
CARROLL, H. H., *Asst.* [24] (also 1*G.*) C. 26
Carroll, L., 1*C.* 5 Linden
Carroll, P. A., 1*L.* 52 Brattle
Carroll, R. G., 2*C.* 265 Prospect
Carstein, G. E., 2*C.* Drayton 16
Carter, C. D., 2*Dn.* 6 Yarmouth*
Carter, C. H., 2*G.* 12 Kirkland Pl.
Carter, F. L., 4*C.* 1039 Mass. Ave.
Carter, H. C., 1*C.* Gnt. 9
Carter, R. A., 2*C.* 54 Dunster
Carter, R. B., 2*Dn.* Beacon Chamb.*
Carver, S. M., 1*C.* 125 High, Newton Upper Falls
CARVER, T. N., *Prof.* [14] 75 Frost
Cary, E., 3*G.* 395 Huron Ave.
Cary, G. F., 2*L.* 52 Brattle
Cary, H., 2*C.* Claverly 40
Casáres, P., *sS.* 15 Wendell
Casey, W. T., 1*G.* S. 29
Castle, A. L., 1*C.* Randolph 30
Castle, L. H., 1*L.* Craigie 504
CASTLE, W. E., *Instr.* [15] 10 Ash St. Pl.
Castleman, B., *sC.* Hotel Touraine*
Caswell, E. H., 2*Dn.* B'kline
Caswell, R. H., 1*C.* Gnt. 5
Catchings, W., 2*L.* Gnt. 3
Cate, S. R., 1*C.* 96 Prescott
Catheron, A. G., 1*L.* S. 16
Catheron, R. S., 1*Dn.* Needham
Catlett, F. W., 3*C.* T. 48
Catlin, E., 1*C.* Everett 51
Chace, E. S., 2*L.* 2 Gorham
Chace, F. A., 2*M.* 110 Huntington Ave.*
Chadbourne, F. M., *sS.* Craigie 208
Chadbourne, W. M., 3*L.* Craigie 208
Chadwick, E. G., 3*C.* Claverly 43
Chaffee, A. G., 1*L.* W. H. 31
Chaffee, E. St. J., 2*L.* Winthrop 3
Chambers, J. W., 1*G.* 41 Holyoke
Champion, M. E., 1*M.* Greenwood
Champollion, A. C., 4*C.* Beck 37
Chandler, A. G., 4*C.* Trinity 9
Chandler, A. M., 3*L.* 269 Harvard
Chandler, C. L., 2*C.* G. 10
Chandler, H. D., 1*C.* Randolph 50
Chandler, J. M., 1*B.* 93 Forest Hills*
Chandler, P. W., 1*B.* 93 Forest Hills*
CHANNING, E., *Prof.* [11] 74 Sparks
Channing, H. M., 2*L.* 60 Brattle
Chapin, A. G., 4*S.* P. 22
Chapin, H. C., 3*C.* 97 Lake View Ave.
Chapin, L. D., 1*M.* H'y 2
Chapman, C. E., 1*L.* 87 Hammond
Chard, W. G., 3*C.* Randolph 5
Chase, A. E., 2*C.* 28 Holyoke
Chase, A. G., 1*C.* 84 Hammond
CHASE, A. H. St. C., *Asst. Demonstr.* [31] 425 Broadway, Everett
Chase, A. P., 1*C.* Ware 31
Chase, C. F., 1*L.* 28 Mellen
Chase, D. D., 4*C.* 84 Hammond
Chase, G. Hart, 1*C.* 94 Prescott
CHASE, G. HENRY, *Instr.* [20] G. 24
Chase, G. L., 1*M.* T. 47
Chase, H. A., 2*M.* Brockton
Chase, P. P., 3*L.* Manter 3
Chase, T. W., 3*M.* Winchester
Chase, W. H., 2*C.* Everett 24
CHEEVER, D. W., *Overseer* [6] and *Prof. Em.* 557 Boylston*
Cheney, F. G., 1*C.* 25 Ware
Chesnutt, E. J., 2*C.* P. 3
Chester, W., 1*G.* 38 Sacramento
Chew, O., 4*C.* Claverly 1
Chick, W. C., 2*C.* Ware 41
Chickering, T., 4*S.* G. 11
Child, R. W., 4*C.* 26 Holyoke
Child, S., *sS.* (also 1*B.*) Woodland P'k Hotel, Auburndale
Chisholm, F. M., 2*L.* Craigie 302
Christen, P., 3*Dn.* 26 Isabella*
Christensen, A. O., 1*C.* C. 63
CHRISTIAN, H. A., *Instr.* [30] 84 Worcester*
Christiernin, C. L., 1*M.* 34 Liverpool*
Chudoba, F. A., 3*C.* C. 3
Churchill, E. P., 4*S.* 49 Oxford
CHUTE, E. H., *Instr.* [32] 229 Berkeley*
Claflin, W. H., 1*G.* Newtonville
CLAP, E. W., *Asst.* [29] 222 Marlboro*
Clapham, W. E., *sL.* 11 Everett
Clapp, C. B., 2*C.* 169 Boston, So.*
CLAPP, D. M., *Lectr.* [31] 130 Commonwealth Ave.*
Clapp, G. A., 1*C.* Ware 52
Clapp, H., 4*C.* 130 Commonwealth Ave.*
Clapp, L. R., 4*C.* G. 36
Clapp, R. E., 1*S.* Randolph 37
Clapp, W. E., 3*L.* 68 Kirkland
Clapp, W. F., 1*C.* Hampden 17

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Clark, A. H., 4*C.* P. 68
Clark, C. W., 3*L.* Prescott 8
Clark, D. W., *sS.* 63 Mt. Vernon*
Clark, E. N., 4*S.* H'ke 29
Clark, F. L., 1*G.* C't 42
Clark, G., 4*C.* Apley 22
Clark, G. B., 4*C.* Bridgewater
Clark, G. O., 4*M.* Framingham
Clark, H. H., *Asst.* [24] Belmont
Clark, H. S., 2*Dn.* 379 Columbus Ave.*
Clark, J., 1*L.* 367 Harvard
Clark, J. Donovan, 3*M.* 10 Blackwood*
Clark, J. Dudley, 2*C.* Claverly 1
Clark, J. N., 2*C.* 18 Chestnut, Ch's'n
Clark, J. V., 1*C.* P. 52
Clark, J. W., 1*C.* Craigie 503
Clark, L. K., *Asst.* [23] (also 1*L.*) 1750 Cambridge
Clark, L. W., 1*C.* Little's 14
Clark, N. H., 3*M.* 28 Milford*
Clark, S., 4*S.* Ware 17
Clark, T. R., 2*S.* M. 52
Clark, W., 2*C.* C't 4
Clark, W. A., 1*S.* 63 Mt. Vernon*
Clark, W. C., 4*C.* Claverly 1
Clark, W. D., 2*C.* G. 15
Clark, W. E., 4*C.* 37 Walker
Clark, W. M., 4*S.* 12 Oxford
Clarke, A. F., 1*S.* Randolph 15
Clarke, D. A., 2*B.* C. 29
Clarke, G. H., 3*C.* 1750 Cambridge
Clarke, G. W., 4*M.* D. 5
Clarke, H. F., 2*C.* Craigie 408
Clarke, H. W., 3*Dn.* 30 Hancock*
Clarke, R. H., 1*C.* Drayton 20
Clarke, W. B., 3*L.* W. Somer.
Clarkson, W., 3*S.* 31 Everett
Class, F. M., 4*C.* 65 Mt. Auburn
Cleasby, H. L., 2*G.* 1697 Cambridge
Cleaves, W. S., 3*B.* 287 Pearl
Clement, C. E., 1*C.* Westmorly 1
Clements, E. T., 1*C.* 1734 Cambridge
Clerk, W. G., 2*S.* M. 16
Cleveland, E. J., 1*G.* Lawrence 10
Cleveland, W. C., 4*C.* 68 Kirkland
Cleworth, H. B., 2*C.* H'ke 40
Clifford, C. P., 4*C.* Russell 11
Clifford, J. H., 2*L.* H'y 5
Clokey, I. W., 4*S.* 20 Prescott
Clotfelter, A. L., 2*C.* 19 Irving
Clothier, W. J., 3*C.* Randolph 6
Cloud, F. W., 2*S.* M. 2
Clow, F. E., 3*M.* Harv. Med. Sch.*
Clymer, G., 2*C.* Beck 43
Coad, W. J., 3*L.* Winthrop 10
Coar, J. F., *Instr.* [18] 48 Hawthorn
Cobb, C., 1*C.* 68 Mt. Auburn
Cobb, E. P., 2*C.* C. 32
Cobb, F., *Asst.* [28] 416 Marlboro*
Cobb, H. I., 3*C.* Russell 22
Cobb, L., 3*C.* Dunster 35
Cobb, R., *Instr.* and *Chairman of Appointm'nt Comm.* [15] 16 Quincy
Cobb, W. E., 2*C.* T. 19
Coburn, H. B., 1*S.* H'ke 27
Coburn, H. F., 2*M.* Harv. Med. Sch.*
Coburn, P. N., 4*C.* Beck 7
Coburn, R. G., 2*S.* 6 Holyoke Pl.
Codman, E. A., *Asst.* [29] 104 Mt. Vernon*
Coffin, F. P., 2*S.* 138 Ivy, B'kline
Coffin, L. E., 3*M.* Harv. Med. Sch.*
Coffin, L. R., *sS.* 18 Sumner
Coggins, W. L., *sS.* 29 Sacramento
Cogswell, E. S., 1*C.* C. 35
Cogswell, W. C., 1*C.* 18 Huntington Ave.*
Cogswell, W. G., 3*C.* Haverhill
Cohen, A., 1*C.* 100 Mt. Auburn
Cohen, B., 3*Dn.* 86 Charles*
Cohen, H. E., 3*Dn.* 6 Ellis, Rox.
Cohen, L. M., 2*C.* P. 27
Cohen, S. N., 3*S.* 6 Minot*
Cohn, W. I., 1*C.* P. 62
Colburn, C. C., 1*B.* 24 Tower*
Colburn, S. C., 4*C.* Randolph 44
Colby, B. L., 1*C.* 163 Lexington, E.*
Colby, C. C., 1*L.* H'y 8
Colby, F. T., 2*C.* 52 Mt. Auburn
Colby, W. H., 1*C.* Revere
Cole, C. L., 2*L.* H'y 2
Cole, E. P., 3*C.* S. 10
Cole, G. E., 3*C.* 813 Parker, Rox.
Cole, J. F., *Instr.* [21] Somerville
Cole, L. J., 1*G.* 41 Wendell
Cole, W. M., *Instr.* [19] Worcester
Coleman, F. H., 3*S.* M. 3
Coleman, G. A., 1*C.* Newton
Coleman, H., *sS.* M. 3
Coleman, J. G., 4*C.* Randolph 8
Coleman, W. C., 2*C.* Beck 3
Collester, C. H., 1*G.* 67 Oxford
Collier, G. B., 2*G.* 70 Kirkland
Collings, G. B. M., 2*S.* Randolph 41
Collingwood, M., 2*C.* P. 56
Collins, F. L., 3*C.* Hampden 16

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Collins, H. F., 2*C.* H'ke 45
Collins, P. H. M., 2*S.* 37 Lake View, Whitman
Collins, R. G., 1*Dn.* 15 Allston*
Collner, W. H., 1*S.* Hampden 50
Colpitt, E. R., 1*C.* Everett
Colson, H. R., *sC.* 15 Walker
Colton, L. K., 3*B.* C't 7
COLWELL, W. A., *Proctor* [25] (also 2*G.*) C't 17
Comins, D. W., 4*C.* H. 31
Conant, G. H., 4*C.* P. 31
Conant, R. K., 2*C.* W. 27
Conant, W. F., 3*C.* P. 39
Condit, J. S., 1*L.* 54 Kirkland
Cone, G. C., 4*S.* (also 2*B.*) 36 Carroll, Watertown
Conger, O. D., 2*C.* 25 Holyoke
Conlin, J. F., 4*C.* 85 Walden
Conlin, W. E., 2*L.* 62 Wendell
Conlon, F. A., 2*M.* 154 W. Newton*
Connelly, J. E., 2*M.* Reading
Conner, M. V., *sC.* 20 Holyoke
CONNOLLY, J. M., *Asst.* [28] 183 Harvard, Dor.
Connolly, W. E., 3*M.* 56 Amory
Connor, W. H., 1*M.* 9 St. Charles*
Converse, H. L., 1*S.* Craigie 507
Converse, J. H., 2*M.* 1470 Beacon, B'kline
Conway, H. A., 1*L.* Somer.
Cook, A. M., 1*C.* 10 Appian Way
Cook, D. P., 1*C.* C't 1
Cook, H. O., 1*C.* 168 Main, Waltham
Cook, P. H., 4*M.* 67 Pinckney*
Cook, S. E., 3*C.* M. 28
Cook, W. B., 2*S.* 54 Mt. Auburn
Cook, W. H., 3*C.* 10 Appian Way
COOKE, W. P., *Asst. Prof.* [11] 330 Dartmouth*
COOLIDGE, A., *Instr.* [26] 613 Beacon*
COOLIDGE, A. C., *Asst. Prof.* [13] Randolph 4
Coolidge, E. E., 3*L.* G. 38
[COOLIDGE, J. L., *Instr.*] [15] Brown, Shipley & Co., London, Eng.
Coolidge, P. T., 2*C.* H'ke 18
Coon, M., *grM.* Harv. Med. Sch.*
Coonley, P. L., 4*C.* Randolph 40
Cooper, G. S., 2*L.* D. 36
Cooper, L. A., 2*C.* 56 Mt. Auburn
Cooper, O. F., 2*L.* 35½ Brattle
Cooper, T. Y., 1*C.* C. 44
Copeland, C. G., 4*C.* 67 Oxford
COPELAND, C. T., *Instr.* [12] S. 7
Copeland, M., *sS.* G. 6
Corbett, H. L., 4*C.* Apthorp 8
Corbett, J. J., 1*M.* 431 Shawmut Ave.*
Corlett, W. W., 1*C.* M. 24
Corry, J. H., *sS.* Everett 34
CORSON, C. E., *Asst.* [24] (also 1*G.*) H. 4
Corson, T. M., 1*Dv.* 118 Prospect, Somer.
Coryell, H. H., 2*C.* P. 87
Costa, J. F., 4*C.* 22 Phipps, Quincy
Cotter, R. J., 1*L.* Somer.
COTTON, F. J., *Asst.* [28] 416 Marlboro*
Cottrell, F. G., 1*G.* 1586 Cambridge
Coues, W. P., *grM.* Harv. Med. Sch.*
COUNCILMAN, W. T., *Prof.* [10] 78 Bay State R'd*
Counihan, E. A., 3*C.* 400 Cambridge
Courtney, J. J., *sC.* Wollaston
Cousens, L. A., 1*G.* 1734 Cambridge
Coutant, J. K., *sS.* H. 27
Coutant, R. S., 4*C.* H. 27
Coventry, G., 1*C.* 42 Kirkland
Coventry, S., 4*C.* 42 Kirkland
Covert, S. B., *sC.* 62 Trowbridge
Cowan, J. R., 1*G.* 18 Ellery
COWLES, E., *Instr.* [25] Waverley
Cox, C. H., 2*L.* 1750 Cambridge
Cox, G. C., 1*G.* 27 Everett
Cox, H. S., 1*G.* 1 Walker Ter.
Cox, P. W. L., 1*C.* T. 1
Cox, R. H., 2*C.* Westmorly 106
Coxe, E. J. D., 4*S.* Fairfax 21
Coyle, P. E., 2*L.* Fairfax 24
Craig, C. R., *sS.* Concord
Craig, E. E., 4*C.* G. 51
CRAIGIN, G. A., *Asst.* [27] 18 Hereford*
CRAM, G. W., *Recorder* [14] U. 4
Cram, R. J., 2*L.* Newton
Crane, R. E., 2*S.* 115 Museum, Somer.
Crane, R. T., 3*S.* 10 Linden
Crane, W. M., 2*Dv.* 7 Lowell
Crawford, G. C., 1*G.* 17 Wendell
Cressy, M. S., 3*L.* 57 Wendell
Crihfield, R. H., 1*L.* 63 Oxford
Crocker, A., 2*C.* Westmorly 128
Crocker, C., 1*L.* H'y 1

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Crocker, W. S., 2*C.* 150 Cypress, B'kline
Crockett, E. A., *Asst.* [28] 226 Marlboro*
Cronin, J. A., *sC.* 50 Guild, Rox.
Cropley, R. E., 1*C.* 44 Brattle
Crosbie, A. H., 1*M.* 42 Kirkland
Crosbie, L. M., 3*C.* 42 Kirkland
Crosbie, P. P., 2*C.* 42 Kirkland
Crosby, A. P., 2*L.* B'kli..e
Crosby, H. L., 1*G.* 42 Holyoke
Crosby, H. W., 2*C.* Craigie 408
Cross, C. R., 4*C.* Russell 2
Cross, E., 3*B.* 234 W. Newton*
Cross, E. B., *sS.* Randolph 36
Cross, H. DeW., *Demonstr.* [31] Nashua, N. H.
Cross, H. E., *sC.* 30 Mt. Auburn
Cross, J. S., 3*B.* 234 W. Newton*
Croston, F. A., 2*C.* 33 Holyoke
Crothers, B., 2*C.* 20 Oxford
Cruger, B. de N., 2*C.* Claverly 32
Cudahy, E. I., 3*S.* Beck 36
Cullinane, T. J., 2*M.* Andover
Cumming, A., 2*G.* 344 Harvard
Cumming, M. G., 1*L.* 10 Oxford
Cummings, E. C., 2*Dn.* 152 Mass. Ave.*
Cummings, J. H., 2*C.* 37 Langdon
Cunningham, E. A., 2*M.* 847 Mass. Ave.
Cunningham, F. E., 2*C.* 5 Linden
Cunningham, G. C., 3*C.* 44 Brattle
Cunningham, R. P., 3*Dn.* 30 Hancock*
Cunningham, T. E., 1*C.* 847 Mass. Ave.
Cunningham, W. B., 4*M.* 788 Mass. Ave.
Curley, E. J., 2*C.* Randolph 33
Curley, J. P., 2*M.* Brighton
Currier, F. E., 1*C.* Somer.
Currier, T. F., *Library*, [16] 14 Plympton
Curtin, J. F., *sC.* 42 Tufts, Medford
Curtin, J. J., 2*C.* 1 Pearl, Waltham
Curtis, E. deF., 1*S.* 26 Holyoke
Curtis, E. N., 1*G.* Lawrence 29
Curtis, J. F., *Proctor* [25] (also 3*L.*) Apthorp 1
Curtis, P. R., *Asst.* [24] Rox.
Curtis, S., 2*C.* 43 Larch R'd
Curtiss, D. R., 2*G.* 48 Irving
Cushing, A. A., 3*M.* 19 Harris, B'kline
Cushing, S. W., 4*S.* C. 54
Cushing, W. H., *Asst.* [22] Medford
Cushman, E. G., 1*L.* Wadsworth 15
Cushman, E. W., *sB.* Scituate
Cushman, G. A., 1*C.* 46 Dudley, Rox.
Cushman, J. A., *Asst.* [24] (also 4*S.*) C. 49
Cusick, L. F., 3*M.* Nahant
Custis, V., *Asst.* [23] (also 1*G.*) D. 29
Cutler, E. G., *Instr.* [26] 214 Beacon*
Cutler, S., 4*C.* 53 Dunster
Cutler, W. H., *Janitor* [33] Mass. Hall
Cutter, E. L., 1*C.* H'ke 48
Cutter, H. F., 2*S.* Craigie 404
Cutter, I. T., 4*C.* H'y 12
Cutting, C. J., 2*S.* 1241 Main, Waltham
Cutts, O. F., 3*L.* W. H. 22

Dabney, G. B., 1*L.* Westmorly 23
Dabney, J. P., 1*C.* Little's 10
Daggett, S., 4*C.* 20 Prescott
Dahl, F. W., *sC.* 25 Walnut P'k, Rox.
Dahl, J. L., 4*C.* 25 Walnut P'k, Rox.
Dall, C. G., 2*L.* 92 Wendell
Dall, C. W., 2*C.* Little's 11
Daly, L. J., 4*C.* Russell 3
Dame, A. M., 1*G.* 61 Dana
Damon, A. H., 3*C.* Little's 17
Damon, S. W., 3*Dn.* 201 Chestnut Ave., Jam. Pl.
Damon, T. J., 2*C.* P. 6
Dana, A., 1*C.* 33 Holyoke
Dana, H. W., 2*M.* 12 Brimmer*
Dana, H. W. L., 4*C.* H'y 18
Dana, P., 3*C.* Hampden 44
Dana, R. L., 2*L.* 42 Kirkland
Dane, J., *Asst.* [28] 29 Marlboro*
Danforth, A., *Comptroller* [17] 50 State*
Daniels, J., 3*C.* 16 Oxford
Daniels, R. E., 2*C.* Westmorly 136
Daniels, R. H., 2*C.* Quincy 9
Danielson, W., 3*C.* W. H. 53
Dapping, W. O., 2*C.* Trinity 2
Darling, A. E., 1*M.* 506 Columbus Ave.*
Darling, B. C., 4*M.* 31 Newbury*
Darling, E. A., *Instr.* [14] 188 Brattle
Darrow, F. S., 4*C.* M. 59

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Darwin, C. B., 1*C.* 1709 Cambridge
Davenport, C. M., 2*L.* 1727 Cambridge
DAVENPORT, F. H., *Asst. Prof.* [9] 419 Boylston*
Davenport, H., 2*C.* Randolph 39
Davenport, J. C., 3*C.* G. 20
Davey, W. R. P., 1*Dv.* D. 14
Davidson, H. C., 3*C.* Fairfax 20
Davie, P., 2*C.* Randolph 6
Davis, C. L., *sC.* 8 Willard Pl.*
Davis, D., 2*C.* Randolph 53
Davis, D. W., 1*C.* 33 Kirkland
Davis, E. C., 2*Dv.* D. 21
Davis, E. K., 4*C.* H. 6
Davis, E. M., 3*L.* 30 Sacramento
Davis, E. R., 3*C.* 16 Howland
Davis, G. F., 2*L.* M. 55
Davis, G. G., 4*C.* 20 Prescott
Davis, G. N., *sL.* 469 Broadway
Davis, H., 3*C.* H'y 8
Davis, H. N., 1*G.* P. 47
Davis, H. S., 2*L.* P. 38
Davis, J. B., 3*Dn.* Newtonville
DAVIS, LINCOLN, *Asst.* [29] 315 Marlboro*
Davis, Livingston, 3*C.* 35 Bow
Davis, N. C., *sS.* 1750 Cambridge
Davis, P., 4*C.* 112 Salem*
Davis, R. M., 4*C.* 29 Holyoke
Davis, R. McN., *sC.* 10 Mellen
Davis, S., *sS.* Randolph 36
Davis, W. C., *sC.* 64 Wendell
Davis, W. H., 2*C.* 19 Oxford
DAVIS, W. M., *Prof.* [9] 17 Francis Ave.
Davison, A. T., 1*C.* 394 Washington, Dor.
Davol, C. D., 1*C.* 25 Holyoke
Davol, E. R., *sC.* Taunton
Davol, F. H., 4*S.* 20 Prescott
Day, H. F., 2*M.* 1069 Boylston*
Day, H. L., 1*M.* 1148 Columbus Ave.*
DAY, M. A., *Librarian, Gray Herbarium* [652] 43 Langdon
Dean, P. D., 3*L.* 51 Hemenway*
Dean, R. A., 1*L.* H'y 10
Dearborn, E. G., 3*M.* 7 Follen*
Dearborn, H. H., 4*M.* 7 Follen*
Dearborn, W. A., 2*C.* W. 37
DEBLOIS, T. A., *Instr.* [26] 48 Gloucester*
DeCormis, R. M., 1*C.* 54 Wendell
Decrow, J. W., 2*L.* Rox.
Deering, G. E., 4*M.* 11 Norway*
Deibler, F. S., 4*C.* 16 Carver
Deland, B., 3*S.* H'ke 47
Delano, L., 1*C.* Randolph 56
DeLong, H. C., 3*S.* W. 48
Deming, H. S., 2*C.* Dana 39
Demoss, E. C., 3*C.* P. 81
Denison, A. W., 4*C.* Randolph 32
Dennen, R. W., 2*C.* G. 35
Dennett, W. W., 2*C.* C. 23
Denning, E. J., 2*M.* 216 B'way, So.*
Denning, F. J., 2*C.* 216 B'way, So.*
Dennis, S. S., 2*L.* 10 Mellen
DENNY, F. P., *Asst.* [29] B'kline
Densmore, J. H., 2*C.* Somerville
Derby, A., 4*C.* Fairfax 25
Derby, A. L., 2*C.* Westmorly 144
Derby, C. H., 4*C.* 20 Holyoke
Derby, R., 4*C.* H'y 13
Derby, R. A., 2*C.* Westmorly 126
Derry, C. T., 4*C.* 12 Trowbridge
Dever, J. F., 4*C.* Craigie 203
Dewar, D. H., 2*C.* P. 76
DEWING, A. S., *Asst.* [24] (also 1*G.*) 1797 Mass. Ave.
Dewing, H. F. C., 2*C.* M. 5
DeWolfe, J. M., 3*C.* W. 16
DEXTER, F., *Assoc. Prof.* [13] 148 Marlboro*
Dexter, F. F., 3*M.* 41 Bloomfield, Dor.
Dexter, R., 2*M.* 75 Newbury*
Dexter, W. C., 1*S.* H'ke 41
Dial, G. W., 2*C.* 6 Ashton Pl.
Diamond, H., 1*C.* 102 Poplar*
Dick, H. M., 2*C.* 48 Brattle
Dickerman, E. L., 2*L.* W. H. 32
DICKINSON, D. W., *Asst. Demonstr.* [31] Watertown
Dickinson, F. R., 4*C.* Fairfax 11
DICKINSON, J. D., *Instr.* [31] 164 Newbury*
DICKINSON, J. W., *Instr.* [32] 164 Newbury*
Dickinson, S. E., 2*C.* Craigie 406
Dier, J. Q., 2*L.* 7 Sumner
Dietzman, R. P., 2*C.* C't 20
Dignowity, J. V., 1*C.* W. H. 59
Dill, C., 3*C.* M. 39
Dill, M. B., 3*Dn.* Newton Centre
DILLINGHAM, F. T., *Asst.* [32] 15 Goldsmith, Jam. Pl.
Dillingham, H. G., 2*C.* Craigie 104

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Dillon, C. L., 2*C.* M. 4
Dimick, C. H., 1*C.* 25 Holyoke
Dinehart, C. C., 1*L.* 16 Oxford
Dinsmoor, W. B., 1*S.* Jam. Pl.
Diserens, R. C., 1*C.* 18 Prescott
Dismukes, R. E., 3*L.* 40 Kirkland
Ditmars, H. E., 1*S.* C't 21
Dittman, G. F., 2*S.* Holyoke 49
Dives, E. J., 1*C.* W. H. 36
Dix, I. W., 1*B.* Medford
Dixey, A. S., 1*L.* 52 Brattle
Dixon, R. B., *Instr.* [15] W. H. 58
Dixon, W. W., 3*L.* Randolph 45
Dodge, C. G., 2*C.* W. 38
Dodge, C. R., 1*S.* Haverhill
Dodge, L. G., 3*C.* W. 16
Dodson, G. R., *Asst.* [22] (also 2*G.*) D. 16
Doe, A. P., 3*C.* W. Somer.
Doggett, A. L., 2*C.* 805 B'way, So.*
Doherty, F. J., 1*M.* Woburn
Doherty, F. W., 3*G.* 396 Broadway, So.*
Dohs, F., *Instr. Hemenway Gym.* [19] Hemenway Gym.
Dole, P. L., 1*C.* 60 Mt. Auburn
Dole, R. M., 1*C.* 24 Garden
Dolley, G. C., 3*C.* Craigie 206
Donald, G., 3*C.* Russell 20
Donahue, C. L., 1*L.* 30 Irving
Donaldson, F. A., 3*M.* Dor.
Donlan, M. S., 1*C.* 6 Conrad, Dor.
Donnan, J. H., 3*L.* 71 Hammond
Donoghue, J. C., *Asst.* [29] 152 W. Concord*
Donoghue, P. J., 2*B.* 617 Harrison Ave.*
Donovan, J. P., 1*C.* 469 Broadway
Donovan, J. T., 4*C.* 302 E. 8th, So.*
Doolittle, C. A., 3*C.* 5 Linden
Dore, J. F., 2*C.* M. 6
Dorety, F. G., *Asst.* [23] (also 3*L.*) 30 Sacramento
Dorgan, M. J., 1*C.* 100 Mt. Auburn
Dorman, T. B., 1*C.* C't 14
Dorman, W. E., *Asst.* [22] 73 Tremont*
Dorn, W., 1*L.* 40 Kirkland
Dorr, R. C., 3*S.* P. 70
Dosch, A. W., 3*C.* 44 Mt. Auburn
Dougherty, T. H., 1*C.* Claverly 50
Douglass, H. G., 2*C.* C. 25
Douthart, T. M., *sS.* 341 Columbia
Dow, C. M., 3*L.* Winthrop 18
Dow, G. L., 1*L.* 23 Magazine
Dowling, J. C. L., 2*C.* 318 Warren, Rox.
Dowling, M. A., 1*C.* Everett
Downing, A. F., 3*M.* 15 Sparks
Downs, D. F., 4*S.* Russell 7
Downs, J. W., 2*L.* 19 Irving
Downs, K. E., 2*C.* T. 44
Dowse, G. H., *sS.* Dana 24
Doyle, J. T., 4*C.* 43 Charles*
Doyle, L.C., 3*C.* 29 Berkeley, Somer.
Drake, D., 2*Dv.* 37 Fairfield*
Drake, E. F., 2*L.* 42 Kirkland
Drake, P. G., 4*M.* Albermarle Chamb.*
Draper, A. D., 4*M.* 304 Marlboro*
Draper, F. W., *Prof.* [7] 304 Marlboro*
Draper, J. P., 3*L.* 43 Irving
Drayton, H. C., *sC.* Beck 23
Dresser, H. W., *sC.* 15 Langdon
Dresser, J. P., *sS.* 39 Sacramento
Drew, C. A., 2*M.* Sharon
Drinker, H. S., *sL.* 57 Brattle
Drinkwater, A., 3*L.* M. 50
Drinkwater, W., 3*C.* M. 50
Drowne, E. L., 2*M.* 36 Lexington, E.*
Drury, D.W., 2*M.* 45 Whiting, Rox.
Drury, W. C., *sS.* Waltham
Dubée, H. W., *Instr.* [21] (also 3*G.*) 56 Palmer, Arlington
DuBois, D., 3*S.* Ware 4
Dudley, J. C., 3*S.* P. 70
Duer, L. B., 2*C.* Russell 25
Duffin, S. E., 3*L.* 23 Linden, So.*
Duffy, J. P. B., 2*L.* 1727 Cambridge
Duke, C. S., 2*C.* 59 Museum
Dunbar, D. T., 2*S.* H'y 9
Dunbar, P. R., 3*L.* B'kline
Dunbaugh, H. J., 3*L.* C't 8
Duncan, C., 4*M.* 16 Eustis, Chelsea
Dunn, F. S., 2*G.* Arlington Heights
Dunne, J. A., *Asst.* [17] 51 Rindge Ave.
DuPont, E. E., 4*C.* Randolph 13
Durand, E. D., *Instr.* [19] 98 Elm, W. Somer.
Durant, A., *Asst.* [24] (also 4*S.*) Wadsworth 14
Durfee, E. N., 3*C.* 54 Garden
Durfee, W. C., 3*C.* G. 42
Durgin, S. H., *Lectr.* [25] 845 Boylston*
Durrell, H. C., 2*C.* 17 Dana

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Dutch, C. F., 1*L.* D. 18
Duval, E. P. R., 1*G.* 32 Irving
Dwight, E. W., *Instr.* [28] 19 Marlboro*
Dwight, T., *Prof.* [8] 235 Beacon*
Dwinell, J. F., 1*L.* Winchester
Dyar, C. B., 1*C.* 6 Church, Newton
Dyer, E. A., 2*M.* 150 W. Newton*
Dyer, E. H., 3*C.* Hampden 16
Dyer, H. I., 1*C.* 48 Stratford, W. Rox.
Dyer, R. S. H., 2*L.* D. 37
Dysart, A. K., 2*L.* 63 Oxford

Eames, B. E., 3*L.* T. 39
Eames, F. LeR., 2*Dn.* 28 Mellen
Eames, H. L., 4*S.* P. 65
Earle, R. S., 1*L.* 125 Galen, Newton
Eastland, T. B., 1*C.* Claverly 33
Eastman, C. R., *Asst. M. Z.* [639] British Museum, London, Eng.
Eastman, T. J., 2*M.* 125 Marlboro*
Eastman, W. R., *sC.* Fairfax 8
Easton, C. D., 3*M.* 10 Blackwood*
Easton, F. B., 3*M.* 10 Blackwood*
Eaton, A. L., 1*G.* 15 Mellen
Eaton, C. S., *sL.* 1598 Mass. Ave.
Eaton, H. E., 1*C.* P. 79
Eaton, H. T., 3*C.* Concord
Eaton, O. S., 2*C.* 68 Kirkland
Eaton, W. E., 3*M.* So. Framingham
Eaves, F. B., 1*S.* Fairfax 12
Eayrs, T. C., 2*S.* 47 Wendell
Ebert, C. E., 1*S.* Trinity 1
Eckert, N., 3*L.* C't 23
Eddy, F. G., *Instr.* [31] Providence, R. I.
Eddy, L. J., 2*C.* Trinity 16
Eder, P. J., 3*L.* 9 Prescott
Edgerton, F. W., 4*S.* 13 Mellen
Edmands, J. R., *Asst.* [17] 61 Garden
Edson, E. C., 2*C.* 65 Mt. Auburn
Edson, E. M., 1*L.* 70 Kirkland
Edson, N. W., 4*C.* T. 35
Edwards, D. G., 3*S.* 23 Fountain Ave., Somer.
Edwards, D. M., 1*S.* Ware 32
Edwards, M. A., 2*C.* M. 11
Edwards, N., 2*C.* Beck 33
Egan, H. C., 2*C.* Westmorly 136
Egan, W. E., 2*C.* Dana 31
Ehlermann, C., 2*C.* M. 45
Ehrenfried, A., 2*M.* 10 Claremont P'k*
Elam, H. J., 2*L.* 1599 Mass. Ave.
Eldred, A. G., 1*L.* W. 19
Eldred, A. W., *Instr.* [32] Worcester
Eldredge, E. F., 1*G.* Read's 24
Eldridge, J. I., 1*C.* Winthrop
Eliot, C. W., *President* [3] 17 Quincy
Eliot, H. W., 1*L.* P. 26
Eliot, J. D., 1*C.* G. 45
Elkins, W. M., 2*C.* Westmorly 133
Elkus, C. deY., 1*L.* 25 Belvidere*
Ellam, H. W., 3*M.* Watertown
Ellenbogen, A., 1*C.* 88 Mt. Auburn
Elliot, J. W., *Lect.* [26] 124 Beacon*
Elliott, F. T., *sC.* 5 Appian Way
Elliott, S. T., *Instr.* [32] 551 Boylston*
Elliott, W. S., 3*L.* C't 8
Ellis, F. H., 1*C.* Randolph 58
Ellis, P. van R., 1*C.* Trinity 14
Ellis, T. H., 3*S.* G. 28
Ellison, G. R., 3*C.* Ware 10
Ells, A. E., *Asst.* [24] (also 1*G.*) 10 Oxford
Ellsworth, G. L., 1*C.* 30 Eastman, Dor.
Ely, F. B., 2*S.* H'ke 47
Ely, J. B., 1*L.* 54 Kirkland
Embry, H. W., 1*C.* W. 5
Emerson, B. K., *grM.* Harv. Med. Sch.*
Emerson, G. E., 4*M.* 60 Garden, Everett
Emerson, J. W., 2*S.* Hampden 48
Emerson, R. L., *Instr.* [30] 688 Boylston*
Emerson, W. F., 1*C.* 56 Plympton
Emerson, W. R. P., *Asst.* [29] 601 Boylston*
Emerton, E., *Prof.* [9] 19 Chauncy
Emery, E. W., 2*M.* 28 Milford*
Emery, R. M., 1*L.* P. 81
Emery, W. C., 2*M.* 38 Sumner, Dor.
Emmes, L. E., 2*C.* Ware 25
Emmons, H. L., 1*Dn.* Everett
Emmons, R. B., 1*C.* 46 Mt. Auburn
England, A. C., 4*M.* S. 29
England, G. A., 4*C.* S. 18
Eppensteiner, J. F., 1*G.* 41 Wendell
Ernst, H. C., *Prof.* [10] 8 Greenough Ave., Jam. Pl.
Ernst, L. T., 1*B.* 173 Lamartine*
Ernst, R., 4*C.* Gnt. 1
Esselen, W. B., *sS.* 44 Kittredge, Roslindale

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Estabrook, A. D., 2*C.* 101 Washington Ave.
Estep, R. G., 4*S.* F. 5
Estes, N. A., 2*Dn.* 59 Pinckney*
Estes, P. S., 3*C.* Ware 24
Eustis, A. H., 2*G.* W. 11
Eustis, F. A., 2*G.* W. 11
Evans, E. W., 4*C.* 45 Winthrop
Evans, F. N., 2*C.* 1673 Cambridge
Evans, G. F., 2*C.* 1673 Cambridge
Evans, G. Hampton, *sC.* 26 Trowbridge
Evans, G. Herbert, 1*C.* 32 Mellen
Evans, H., 3*S.* Hampden 37
Evans, R. T., 1*C.* W. 25
Eveleth, C. W., 4*M.* 95 St. Botolph*
EVELETH, W. H., *Supt. of Grounds* [33] 18 Martin
Everett, C., 2*C.* Hampden 15
EVERETT, E. E., *Asst.* [30] 138 Huntington Ave.*
Everett, S. B., 1*C.* Drayton 1
EVERETT, W., *Overseer*, [4] Quincy
Everett, W. E., 1*L.* Lowell
Everts, W. P., 2*L.* Rox.
EWER, B. C., *Proctor* [25] (also 2*G.*) C. 56
Ewing, A. H., 3*C.* 3 Sumner
Faber, H. K., 1*C.* 53 Oxford
Fabyan, M., 3*M.* B'kline
Faden, A. F., 2*C.* Rox.
FAIRCHILD, C. S., *Overseer*, [5] 10 W. 8, New York, N.Y.
Fairchild, G., 3*C.* Claverly 43
FARABEE, W. C., *Austin T. F.* [21] 75 Garfield
Farber, M. J., 3*L.* 55 Hammond
Fargo, W. P., 1*C.* Randolph 3
Farley, F., 1*C.* W. 25
Farley, J. W., 3*L.* H'y 3
Farlow, J. S., 1*L.* Randolph 18
FARLOW, J. W., *Instr.* [26] 234 Clarendon*
FARLOW, W. G., *Prof.* [8] 24 Quincy
Farmer, W. F., 3*M.* Tewksbury Centre
Farnham, H. S., 1*S.* 107 Upland R'd
Farnsworth, E. M., 1*C.* Claverly 24
Farnum, W. W., 3*C.* C. 39
Farrar, M. W., 2*C.* 54 Kirkland
Farrelly, T. S., *sC.* Hampden 21
Farrington, D., 3*S.* H'y 19
FARRINGTON, E. L., *Instr.* [32] Lowell
Farron, S., 1*C.* 40 Kirkland
Farson, R. B., 1*C.* P. 33
Fassett, F. J., 1*M.* Trinity C't*
Faulkner, P. H., 2*C.* Craigie 206
FAULKNER, W. E., *Asst.* [27] 5 Otis Pl.*
FAXON, C. E., *Asst.* [8] Jam. Pl.
Faxon, N. W., 2*M.* Stoughton
FAXON, W., *Asst.* [639] Arlington
Fay, A., 4*C.* Read's 12
Fay, M. N., 1*C.* Claverly 20
Fay, T. B., *sS.* W. H. 45
Fearney, F. A., 3*M.* Harv. Med. Sch.*
Feder, J. C., 3*L.* 1208 Mass. Ave.
Feeney, W. R., 1*C.* 9 Wendell
Feiss, R. A., 3*L.* W. 49
Feist, S. L., 1*S.* M. 38
Feld, N., 3*C.* M. 42
FENN, W. W., *Prof.* [12] and *Preacher*, 47 Raymond
Fennessey, J. F., 4*M.* 25 Decatur*
Fenno, S. W., 3*S.* 67 Oxford
Fenwick, G. B., 3*M.* Chelsea
Ferguson, H. G., 2*C.* H'y 8
Fernald, F. G., 1*C.* Hampden 30
Fernald, G. H., 1*L.* 13 Mellen
FERNALD, M. L., *Instr.* [20] Dunster 21
Ferry, R. P., 3*C.* H. 20
Fick, H. T., 1*G.* 109 Warren Ave.*
Ficke, A. D., 3*C.* T. 28
Ficklen, C. L., *sC.* 14 Park, B'kline
Field, E., 3*C.* H. 31
Field, F. T., 3*L.* P. 11
Field, G. H., 1*C.* Randolph 10
Field, H. M., 3*M.* 10 Melville Ave., Dor.
Field, J. A., 4*C.* 1648 Mass. Ave.
Field, W., 2*C.* 48 Mt. Auburn
FILLEBROWN, T., *Prof.* [8] 157 Newbury*
Filley, O. D., 1*C.* Randolph 16
Finberg, E., 1*C.* 52 Hollander, Rox.
Finkelstein, H., 3*M.* 4 Lowell*
Fischel, E., 2*C.* W. 10
FISCHER, F. L., *Sec'y of Faculty of Law* [17] 25 Holyoke
Fischer, P. B., 2*L.* 25 Holyoke
Fish, E. F., 2*C.* Hapgood 1
Fisher, C., 2*M.* 1727 Cambridge
Fisher, C. H., 3*S.* 21 Mellen
Fisher, Harold W., 3*C.* 73 Dana
Fisher, Henry W., 1*C.* 21 Mellen
Fisher, M. C., *sC.* T. 17

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Fisk, L. B., *Auditor of Harvard Dining Ass'n* [33] Memorial Hall
Fitch, E. C., *sC.* Beck 1
Fitch, R. R., 4*M.* 14 Morrill, Dor.
Fite, E. D., 2*G.* 12 Kirkland Pl.
Fitts, F. E., 4*C.* Somer.
Fitz, D. C., 2*C.* H'ke 24
Fitz, E. C., 4*C.* Russell 17
Fitz, R., 1*C.* Russell 23
Fitz, R. H., *Prof.* [8] 18 Arlington*
Fitzgerald, J. J., 3*Dn.* 3 Dayton Ave., Rox.
FitzGerald, S. S., 3*L.* B'kline
Fitzgibbon, E. J. 2*M.* Worcester
Fitzhugh, E. H., 1*S.* 14 Oxford
Fitzpatrick, F. R., 4*C.* M. 9
Fitzpatrick, J. H., 1*M.* 1810 Mass. Ave.
Fitzpatrick, T. M., 3*C.* W. 36
Fitzpatrick, W. J., 1*C.* Ch's'n
FitzSimmons, H. J., 4*C.* Jam. Pl.
Flaccus, L. W., 2*G.* 98 Hammond
Flagg, C. M., 2*S.* 11 Avon
Flagg, H. H., 4*C.* Westmorly 37
Flanagan, A. B., 3*C.* 22 Mt. Pleasant
Fleischner, C. O., 1*C.* 31 Crescent
Fleischner, H. E., 1*C.* 31 Crescent
Fleming, W. P., *Curator of Photos.* [17] 273 Upland R'd
Fletcher, C. S., 3*C.* 20 Prescott
Fletcher, E. H., 3*C.* 1529 Cambridge
Fletcher, J. B., *Asst. Prof.* [13] Channing Pl.
Fletcher, R. S., 2*L.* Winthrop 29
Fliegelman, D., 3*C.* 260 Western Ave.
Flint, E. R., 4*M.* Clifton
Flint, H. A., 1*C.* Malden
Flint, J., 4*M.* 93 Mt. Vernon*
Flint, P. W., 1*S.* Drayton 14
Flint, W. B., 4*C.* 55 Trowbridge
Floyd, C., 4*M.* 50 St. Paul, B'kline
Floyd, C. H., 4*S.* Dana 27
Flynn, H. L., 3*M.* 4 Marshfield, Dor.
Fobes, F. H., 3*C.* G. 32
Foerster, R. F., 1*C.* 42 Kirkland
Foley, F. F., *sS.* Ayer
Foley, J. W., 1*L.* S. 5
Folkins, L. J., 4*C.* 2 Carver
Folsom, C. F., *Overseer* [4] 15 Marlboro*
Foot, N. C., 4*C.* Ware 3
Foote, E. W., 4*C.* Craigie 501
Fopiano, A. B., 2*C.* 109 Antrim
Forbes, A., 2*C.* Russell 24
Forbes, C. J., 3*L.* 21 Ellery
Forbes, G., 2*C.* Apley 4
Forbes, G. S., *Asst.* [24] (also 1*G.*) 51 Thornton, Rox.
Forbes, H. S., 1*C.* Westmorly 47
Forbes, J. G., 2*L.* 52 Brattle
Forbes, K. R., *sC.* Newton Centre
Forbes, R. S., 3*Dv.* D. 15
Force, H. C., 3*L.* H'y 1
Ford, E. J., 2*C.* M. 15
Ford, F. J. W., 3*C.* 206 W. 3d, So.*
Ford, J., 2*C.* T. 46
Ford, J. D. M., *Asst. Prof.* [15] 4 Buckingham Pl.
Forman, H. J., 4*C.* S. 19
Forrest, T. E., 1*S.* C't 27
Forsman, S. W., 3*S.* 33 Bow
Fosdick, C., 1*S.* Randolph 35
Fosdick, P., 1*S.* Randolph 35
Foss, A. W., 3*M.* 28 Milford*
Foss, C. W., *sDv.* D. 42
Foss, J. O., 1*C.* Hapgood 4
Foss, R. S., 4*C.* M. 9
Foster, F. W. C., 4*C.* T. 56
Foster, H. L., 2*C.* 49 Garfield
Foster, J. W., 4*S.* 28 Plympton
Foster, M. R., 1*Dv.* E. Braintree
Foster, R., 3*C.* W. 33
Foster, R. C., 1*L.* 42 Kirkland
Foster, R. W., 1*G.* Everett 56
Foster, W., 2*C.* 1560 Cambridge
Fountaine, O. R., 3*M.* 49 Blue Hill Ave., Rox.
Fowle, C. W., 2*C.* T. 19
Fowle, L. M, *sS.* Woburn
Fowler, H. H., *Keeper of the Corporation Accounts* [33] 50 State*
Fowler, J. M., 3*L.* Jam. Pl.
Fowler, J. N., 1*B.* Roslindale
Fowler, J. R., 2*C.* Craigie 507
Fox, A. H., 4*S.* H'y 5
Fox, C. S., 1*G.* 34 Mellen
Fox, F., 1*L.* 2 Gorham
Fox, H. H., *Austin T. F.* [22] (also 4*S.*) 99 Irving
Fox, J. M., 4*S.* P. 45
Fox, M. G., 3*C.* Trinity 8
Fox, O. S., 2*C.* Trinity 8
Fox, P., 4*S.* 45 Winthrop
Franchot, E. E., 2*L.* 65 Hammond
Francke, K., *Prof.*, and *Curator of German. Mus.* [10] 2 Berkeley Pl.

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Fraser, F., 1*C.* 22 Mt. Auburn
Fraser-Campbell, E., 1*S.* H'ke 2
Freedman, L. A., 1*G.* Rox.
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French, C. H., 4*S.* Braintree
French, H. L., 3*L.* H. 5
French, J. R. P., 3*C.* Rox.
French, N. B., 1*C.* Drayton 1
FREUND, S. H. E., *Asst.* [23] (also 3*L.*) 3 Mercer Circle
Frevert, H. L., 2*C.* H. 28
FRIEDMAN, L. V., *Asst.* [30] 101 Newbury*
Frisbee, I. F., 1*G.* 8 Story
FRIZELL, A. B., *Instr.* [19] (also 8*G.*) 1200 Mass. Ave.
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Fromholz, M., *sS.* 34 Mellen
Frost, C. H., 2*C.* 6 Derne*
Frost, G. D., 3*C.* Newton Centre
Frost, H., 2*L.* Gnt. 7
Frost, H. A., 2*C.* Everett 7
Frost, W. L., 2*L.* 2 Gorham
Frothingham, C., 1*M.* 87 Pinckney*
Frothingham, C. M., *sC.* Hampden 7
Frothingham, J. L., 2*M.* 493 Commonwealth Ave.*
FROTHINGHAM, L., *Austin T. F.* [30] 386 Commonwealth Ave.*
Frye, J. H., 1*S.* 71 Larch R'd
FRYER, C. E., *Asst.* [23] (also 2*G.*) 9 Francis Ave.
Fuller, E. M., *sC.* 863 Mass. Ave.
Fuller, G. E., 2*C.* T. 10
Fuller, L. R., 1*C.* C't 44
Fuller, L. S., 4*C.* Randolph 32
Fuller, R. G., 3*S.* 26 Holyoke
Fulton, J., 4*S.* 449 Mass. Ave.*
Fultz, C. A., 1*S.* Hampden 10
Funcke, F. A., 1*C.* 296 Beacon, Somer.
Furbish, J. A., 1*Dn.* 183 Warren Ave.*
Furman, E. H., 3*C.* Prescott 10
Furness, D. L., 3*C.* M. 31

Gadsby, J. F., 3*C.* 22 Bristol
Gaffney, J. F., 2*M.* Lowell
Gafforio, P. J., 2*M.* 63 Dundee*
Gafney, H. D., 3*M.* 692 Tremont*
Galbreath, T. C., 3*C.* 58 Kirkland
Gale, A. H., 2*C.* 31 Mellen
Galey, J. L., 2*C.* 49 Wendell
Gallagher, O. C., 2*G.* Braintree
Gallagher, R. McC., 1*C.* M. 36
Galvin, A. H., 4*M.* 64 Bowdoin Ave., Dor.
Galvin, F. J., 1*C.* Dor.
Gammons, H., 2*C.* C. 49
Gano, J. V., 3*C.* T. 27
GARBUTT, A., *Instr.* [20] Holliston
Garceau, H. E., 1*C.* 40 Kirkland
Gardiner, E. P., 1*L.* 40 Irving
GARDINER, J. H., *Asst. Prof.* [13] G. 18
Gardiner, R. F., 1*C.* S. 6
Gardiner, R. H., 3*C.* Russell 8
Gardner, E. D., 1*C.* H'ke 43
GARDNER, H. B., *Lectr.* [18] Providence, R.I.
Gardner, H. R., 4*C.* W. Somer.
Gardner, J. E., 3*C.* Craigie 502
Garey, F. V., 4*C.* C. 55
Garfield, C. A., 3*S.* 37 Irving
Garfield, W. T., 1*S.* 37 Irving
Garland, R., 4*M.* 51 Pinckney*
GARMAN, S., *Asst.* [639] 32 Gray
Garrett, J., 3*C.* H'ke 10
Gately, W., 1*S.* 120 Clark Ave., Chelsea
GAY, E. F., *Instr.* [19] 15 Appian Way
GAY, G. W., *Lect.* [25] Chestnut Hill
Gaylord, A. S., 1*L.* 94 Wendell
Geer, F. M., *grDv.* D. 1
George, E., 4*C.* 30 Holyoke
George, E. H., 3*L.* W. H. 30
GEORGE, J. A., *Asst.* [23] Hapgood 8
Gerdine, L. van H., 1*M.* Chestnut Hill
Gerrish, L. P., 3*M.* 168 W. Newton*
GERRISH, W. P., *Asst.* [17] 44A Concord Ave.
Getchell, E. L., 4*G.* 78 Dana
Gibbs, F. A., 3*Dn.* 8 Berwick P'k*
GIBBS, W., *Prof. Emeritus* [6] Newport, R. I.
Gibson, J. A., 1*G.* Wellesley Hills
Gibson, K. H., 3*C.* Ware 24
Gibson, W. H., 1*C.* Drayton 20
Giduz, H., 2*C.* 15 Danforth, Jam. Pl.

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Gilbert, E. H., 3*Dn.* Newton Upper Falls
Gilbert, F., 1*S.* 5 Linden
Gilbert, G. C., 1*G.* 68 Kirkland
Gilbert, L. F., 1*C.* Craigie 508
Gilkey, C. W., 4*C.* Watertown
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Gill, W. E.. *sC.* 421 Broadway
Gilles, J. W., 1*L.* 1132 Mass. Ave.
Gillette, E. E., 2*S.* Melrose Highlands
Gilman, C., 3*S.* 75 6th, E. Camb.
Gilman, H., 3*Dn.* 408 Columbus Ave.*
Gilman, S. J., 2*C.* Everett
Gilmore, C. H., 2*L.* 137 Oxford
Gilpatric, W. H., 1*Dn.* 1697 Cambridge
Gilpatrick, R. H., 2*M.* 3 Kinnaird
Ginsburg, E.B., 1*C.* 2 Woodbine, Rox.
Gittens, H. W., 1*S.* 63 Oxford
Gladden, W., *Preacher* [18] Columbus, O.
Glasgow, W. H., 4*C.* Little's 8
Glasgow, W. J., 1*L.* 145 W. Newton*
Glover, J. H. H., 4*S* C. 57
Goble, F. N., *sS.* 56 Kirkland
Goddard, S. W., 3*M.* Brockton
Godfrey, A. W., 1*C.* Little's 25
Godfrey, H.W., 1*M.* H. 4
Godfrey, W. S., 4*C.* Westmorly 6
Gohring, W. B., 2*S.* 10 Billingham, W. Somer.
Goldberg, L.I., *sC.* 17 Walnut, Chelsea
Golder, F. A., 1*G.* 20 Howland
Goldman, A. D., 4*C.* 40 Kirkland
Goldsmith, A. W., 1*L.* H'ke 5
Goldsmith, M. R., 3*C.* W. H. 19
Goldthwait, J. E., *Asst.* [27] 898 Marlboro*
Goldthwait, J. W., *Asst.* [24] (also 1*G.*) T. 67
Goldthwaite, J. A., 2*C.* Watertown
Goldthwaite, R. H., 1*M.* Brighton
Good, F. L., 3*M.* 253 Putnam Ave.
Goodale, F. G., 2*C.* 5 Berkeley
Goodale, G. L., *Prof.*, and *Director of Botanic Garden* [7] 5 Berkeley
Goodell, W., 2*M.* 16 St. James Ave.*
Goodhue, A., 3*C.* Russell 9
Goodhue, F. A., 1*C.* Russell 12
Gooding, A. F., 4*C.* Craigie 108
Gooding, T., 2*C.* Dana 47
Goodnow, W. S., 2*C.* Everett 53
Goodrich, L. C., *sS.* P. 66
Goodrich, S. N., 1*C.* 64 Kirkland
Goodwin, W. W., *Prof. Emeritus* [6] 5 Follen
Gordon, G. A., *Overseer* [4] 645 Boylston*
Gordon, G. A., 1*C.* 57 Brattle
Gordon, G. B., 1*G.* 7 Linnaean
Gordon, G. W., 2*L.* W. H. 13
Gordon, S. S., 1*C* 24 Porter, Malden
Gorfinkle, J. I., 4*C.* H'ke 3
Gorman, F. D., 1*M.* Lowell
Gorton, F. D., *sS.* C't 28
Gould, A. C., 3*L.* Waban
Gould, A. H., *Asst.* [30] 36 Newbury*
Gould, C. M., 2*S.* P. 34
Gourlie, L., 2*C.* Randolph 1
Gove, W. P., 1*C.* H'ke 19
Gowen, R. F., 1*C.* H'ke 27
Gower, H. R., 3*L.* 3 Sumner
Grady, J. T., *sC.* 469 Broadway
Graham, S. P., 4*M.* 9 Malden*
Grainger, E. J., 4*M.* 408 Meridian, E.*
Grainger, W., 2*C.* C. 61
Grandgent, C. H., *Prof.* [12] 107 Walker
Granger, L. D., 3*C.* C. 16
Grant, D., 2*M.* Concord Junction
Grant, E. L., 1*C.* C't 12
Grant, H. L., *Instr.* [32] Providence, R.I.
Grant, M. M., 2*C.* Hampden 10
Grant, R., *Overseer* [5] 211 Bay State Road*
Grant, R., Jr., 1*C.* Claverly 15
Grant, W. P., 3*C.* H'ke 34
Grantham, H. A., *sC.* 12 Day
Grastorf, J. C., 1*Dn.* Chelsea
Graustein, A. R., 2*C.* 19 Arlington
Graves, J. C., 3*M.* Marblehead
Graves, J. R., 2*C.* Ware 9
Graves, R. J., 4*M.* 51 Pinckney*
Graves, R. W., 1*C.* 1673 Cambridge
Graves, W. G., 1*C.* H'ke 9
Gray, A., 4*C.* Randolph 43
Gray, A. Z., 4*C.* Randolph 43
Gray, C. P., 3*M.* 168 W. Newton*
Gray, G. L., 3*L.* Winthrop 24

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Gray, J. C., *Prof.* [7] 176 Beacon*
Gray, M., 1*C.* Claverly 47
Gray, T., 1*C.* Beck 22
Gray, W. A., *sC.* 48 Brattle
Gray, W. C., *L.* D. 26
Graydon, T. H., 4*S.* Dunster 40
Greeley, H. P., 1*C.*, 41 Irving
Greeley, S. A., 4*C.* 68 Mt. Auburn
Green, A., 4*M.* 18 Thwing, Rox.
Green, C. M., *Asst. Prof.* and *Sec'y Faculty of Med.* [10] 78 Marlboro*
Green, G., 2*L.* Winthrop 23
Green, J. O., *Prof.* [7] 182 Marlboro*
Green, L. L., 1*L.* Little's 2
Green, M. H., 2*C.* W. 46
Green, R. M., 1*M.* 78 Marlboro*
Green, W. A., 2*C.* Randolph 59
Green, W. V., 1*C.* 417 Broadway
Greene, B. D. M., 1*C.* 38 Mt. Auburn
Greene, E. M., 4*C.* 17 Trowbridge Pl.
Greene, J. A., 2*C.* H'ke 30
Greene, J. D., *Secretary to the President* [17] 60 Shepard
Greene, R. F., 3*C.* G. 40
Greene, R. T., 5*G.* 16 Coolidge Ave.
Greene, W., *Proctor* [25] (also 1*L.*) Hampden 9
Greenfield, G. S., 3*C.* 68 Mt. Auburn
Greenhalgh, G. P., 2*L.* Craigie 302
Greenlaw, E. A., 1*G.* 1595 Mass. Ave.
Greenman, J. M., *Instr.* [19] 28 Hurlbut
Greenough, C., 3*C.* 44 Brattle
Greenough, C. N., *Proctor* [25] (also 2*G.*) M. 7
Greenough, C. P., 1*C.* Claverly 52
Greenough, D. S., 4*C.* 26 Holyoke
Greenough, H. V., 2*C.* 48 Mt. Auburn
Greenough, R. B., *Asst.* [29] 479 Beacon*
Greenwald, H. M., *sC.* 15 Langdon
Greenwell, G. S. S., 1*Dn.* 357 Columbus Ave.*
Greenwell, H. R., 1*Dn.* 357 Columbus Ave.*
Greenwood, B. W., 3*C.* W. 9
Greenwood, C. E., 2*C.* T. 31
Gregg, R. E., 3*L.* 1717 Cambridge
Gregory, W. M., 2*S.* 30 Gorham
Grey, F. H., *sC.* 32 Addison, Arlington
Gribble, G. W. D. H., *sC.* 86 Trowbridge
Griffen, D. L., *sC.* H. 11
Griffin, H., 1*S.* Westmorly 33
Griffin, J. W., 3*L.* W. H. 42
Griffin, R. C., 3*C.* M. 59
Griffin, W. McK., 2*C.* 96 Prescott
Griffith, R., 1*C.* M. 51
Griffiths, E. W., 2*G.* 34 Union P'k*
Grigg, F. W., *sC.* Newtonville
Grilk, L., 2*C.* S. 23
Grimes, L., 3*M.* 469 Broadway
Gring, R. B., 2*C.* 66 Dana
Grinnell, H. D., 4*S.* Dana 44
Groce, B., 4*C.* Craigie 504
Grosenbaugh, R. A., 1*G.* 30 Mt. Auburn
Gross, C., *Prof.* [11] 11 Putnam Ave.
Gross, D. I., 1*L.* 7 Sumner
Grossman, I., 2*L.* C. 15
Grossmann, E. H. P., *Instr.* [21] (also 1*G.*) Roslindale
Groth, B. H. A., 1*G.* S. 32
Grover, A. L., 4*M.* 692 Tremont*
Groves, J. M., 2*S.* H'ke 28
Grunsky, H. W., 3*L.* 65 Hammond
Grush, M. E., 4*C.* S. 14
Gryzmish, R. B., 1*C.* W. 2
Guild, R. F., 1*S.* Ware 37
Guiler, H. A., 2*L.* B'kline
Gulick, C. B., *Asst. Prof.* [14] 18 Walker
Gunn, S., *sC.* 95 Greenwood, Dor.
Gunn, W. K., 3*C.* H. 9
Gurney, A. W., *sS.* 1132 Mass. Ave.
Gutman, M. C., 1*C.* P. 59

Haber, F. I., 1*L.* W. 2
Hackett, C. C., 4*C.* 24 Holyoke
Hackett, L. A., 3*S.* 54 Dunster
Hackett, L. W., 2*C.* 47 Brattle
Hadley, W. N., 2*C.* 3 Sumner
Hagadorn, D. A., 2*L.* 66 Wendell
Hagens, F., 2*G.* 6½ Acacia
Hager, W. P., 2*M.* Warland 15
Hagerty, J. J., 3*M.* 60 Highland, Rox.
Haggin, L. L., *sS.* Drayton 13
Hague, W., 3*C.* Russell 20
Hahlo, J. G., 2*C.* H'ke 15
Hahn, C. W., 2*G.* 1697 Cambridge
Hahn, M., 3*C.* C't 11
Haigh, J. E., 4*C.* T. 49
Haines, C. H., 1*L.* 10 Sumner
Haines, R. M., 1*Dn.* Melrose
Hale, A. W., 1*C.* 1686 Cambridge

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HALE, R. T., *Asst.* [24] 55 Trowbridge
Hale, S., 2*C.* G. 52
Hales, E. C., 3*L.* T. 39
HALL, E. H., *Prof.* [10] 37 Gorham
Hall, E. O., 2*C.* T. 38
Hall, F. G., 2*C.* 26 Holyoke
Hall, F. M., 3*C.* 44 Dana
Hall, H. M., 1*C.* Craigie 406
Hall, I. K., 2*C.* Manter 7
Hall, J. A., 1*C.* Everett 2
Hall, J. F., 2*G.* 14 Sumner
Hall, J. H., 4*C.* G. 42
Hall, L. B., 2*C.* 40 Bow
Hall, M. T., *sL.* H. 26
HALL, N. F., *Asst.* [23] (also 3*G.*) 35 Brewster
Hall, P. F., 2*S.* Fairfax 27
Hall, R. G., 2*S.* 96 Prescott
Hall, R. M., 2*C.* M. 29
Hall, S. B., 4*C.* Fairfax 45
HALL, T., *Instr.* [19] 102 Mt. Auburn
Hall, T. M., 1*C.* Craigie 107
Hall, W. E., 3*L.* Winthrop 16
Hall, W. M., 3*C.* 44 Dana
Hall, W. S., 2*C.* 49 Oxford
Hallett, R. H., 3*C.* H. 25
Hallett, S. W., 1*G.* 10 Mellen
Halliday, J., 1*M.* 514 Harvard, B'kline
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Ham, G. A., 3*L.* 15 Salcombe, Dor.
Hambleton, C. J., 3*C.* Dana 31
Hamilton, A. F., 1*L.* 10 Mellen
Hamilton, E. DeP., *sC.* 1560 Cambridge
Hamilton, W., 3*C.* 28 Wendell
Hamilton, W. S., 2*Dn.* 183 Warren Ave.*
Hamlen, J. R., 1*S.* Russell 20
HAMLIN, C. S., *Lectr.* [18] 2 Raleigh*
Hammerslough, A. J., 4*C.* P. 7
Hammill, F. H., 2*L.* 30 Irving
Hammond, H. W., 3*C.* M. 1
HAMMOND, P., *Asst.* [28] 419 Boylston*
Hammond, P. L., *sS.* 14 Sumner
Hammond, R. E., 4*S.* Russell Annex
Hammond, R. N., *sS.* 14 Sumner
Hammond, T. J., 3*L.* 1599 Mass. Ave.
Hanavan, W. L., 4*C.* G. 40
Hanchett, W. McM., 4*C.* Drayton 2
Hancock, A. W., 3*M.* 161 Jefferson Ave., Everett
Hanford, P., 3*C.* Randolph 52
Hanlon, H. C., 3*Dn.* No. Easton
Hanlon, J. T., *sC.* 80 Wendell
Hanrahan, C. M., 1*C.* C. 28
Hansen, N. M., 3*S.* 16 Howland
Hanson, H. R., 1*C.* 18 Antrim
Hanson, W. C., 3*M.* 36 Gray
HANUS, P. H., *Prof.* [11] 15 Phillips Pl.
HAPGOOD, L. S., *Asst.* [22] 16 Garden
Harbour, H. H., 1*C.* Dor.
Hardenbergh, H., 3*S.* Craigie 105
Harding, A. E., 2*C.* 52 Mt. Auburn
HARDING, F. H., *Instr.* [32] Winchester
Hare, J. A., 2*C.* 64 Revere*
HARRINGTON, C., *Asst. Prof.* [11] 57 Orchard, Jam. Pl.
Harrington, C. M., *sS.* C. 57
Harrington, C. P., 1*C.* Fairfax 18
Harris, C. W., 3*C.* S. 1
Harris, E. D., 4*C.* 29 Holyoke
Harris, R. H., 1*C.* Dana 46
HARRIS, W. F., *Asst. Prof.* [14] 8 Mercer Circle
Harrison, E. S., 3*S.* Russell 9
Harrison, L. B., 3*C.* Hampden 4
Harrison, W. F., 1*C.* Claverly 50
Harrison, W. H., 3*L.* P. 77
Harrison, W. T., 2*S.* M. 10
Harrop, A. H., 2*G.* 109 Museum
[HART, A. B., *Prof.*] [12]
HART, E. J., *Instr.* [31] 344 Boylston*
HART, J. G., *Instr.* and *Sec'y Faculty of Arts and Sciences* [15] 38 Shepard
Hart, M. K., 3*C.* Craigie 402
Hart, W. M., 3*G.* 48 Buckingham
Harts, D. H., 1*L.* 65 Hammond
Hartt, D. N., 1*L.* 371 Commonwealth Ave.*
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Hartwell, C. M., 1*C.* P. 79
Hartwell, J. B., 3*M.* 83 St. Botolph*
Hartwell, W. E., 1*C.* F. 15
Harvey, B. C., 4*S.* H. 11
Harvey, W. R., 2*L.* 76 Hammond

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Harwood, A. L., 2*C.* Hampden 15
Harwood, J. A., 1*L.* G. 46
Haselton, E. C., 1*C.* C. 62
Haskell, A. L., *Austin T. F.* [22] (also 4*S.*) C. 50
Haskell, F. H., 2*C.* 54 Dunster
Haskell, G. E., 1*S.* 36 Mt. Auburn
Haskell, H. B., 4*C.* 36 Mt. Auburn
Haskins, C. H., *Prof.* [13] Prescott 15
Hastings, James W., 4*C.* T. 49
Hastings, John W., 2*C.* W. H. 6
Hatch, L., 2*C.* M. 57
Hatch, R., 3*M.* 95 St. Botolph*
Hatch, R. A., 1*M.* (also 4*S.*) 200 Dartmouth*
Hatch, R. C., 1*C.* W. 54
Hatch, W. H. P., 5*G.* Arsenal Sq.
Hatch, W. S., 2*L.* Winthrop 5
Hathaway, G. E., *sDv.* Porter
Hausberg, E., 2*L.* Winthrop 26
Hauxhurst, H. A., 1*L.* 1727 Cambridge
Haven, G., *Instr.* [26] 607 Beacon*
Haviland, W. D., 4*C.* Ware 51
Hawes, C. T., 3*C.* Hampden 47
Hawes, J. B., 4*M.* 54 Pinckney*
Hawkins, R. L., 4*C.* 1170 Mass. Ave.
Hawkins, W. V., 1*C.* Everett 33
Hawley, T. R., 1*L.* Malden
Haycock, R., 4*C.* F. 2
Hayden, I., 1*B.* 21 Revere, Winthrop
Hayden, J. C., 2*L.* 63 Oxford
Hayden, T. B., *Instr.* [32] 687 Boylston*
Hayes, A. H., 2*C.* Everett 43
Hayes, L. B., 3*C.* 11 Story
Haynes, H. H., *Instr.* [18] 6 Ellery
Haynes, J. C., 2*Dn.* 10 Herman, Rox.
Hays, E. D., 2*C.* H'ke 15
Hayward, E. B., 1*C.* Beck 32
Hayward, G. B., 2*L.* 110 Austin
Hayward, J. F., 1*B.* 83 Morton*
Hayward, L., 2*Dv.* D. 17
Hazard, I. P., 2*S.* H'y 15
Hazard, J. H., 3*C.* S. 1
Hazelrigg, D. L., *sL.* W. H. 11
Hazen, W. D., 3*Dn.* 41 Hancock*
Head, N. S., *sS.* T. 2
Heagan, E. M., 2*C.* 16 Oxford
Heald, D., 3*C.* Watertown
Healey, H. L., 1*C.* 214 L. So.*
Heard, R. A., 2*C.* Hampden 12
Heath, A. C., 2*C.* Hampden 28
Heath, C. P., 3*C.* M. 21
Heathcote, G. M., 2*C.* 2 Garden
Hecker, E. A., 2*C.* 67 Oxford
Hecksher, R. V., 1*C.* 48 Brattle
Hedemann, F. F., *sC.* Fairfax 37
Heffelbower, G. F., 3*G.* 57 Wendell
Heilborn, W. S., *Asst.* [23] (also 3*L.*) B'kline
Heinfelden, C. H. G., 2*C.* Craigie 205
Heizmann, W. A., 3*C.* W. H. 38
Helburn, J. W., 3*C.* Trinity 10
Hellmann, R. R., 2*S.* C't 48
Heltzén, O. L., *sC.* Providence, R.I.
Hemenway, A., *Overseer* [5] 10 Tremont*
Hemenway, A., Jr., 2*C.* Westmorly 47
Hempstead, C., 2*L.* 6 Story
Hempstead, W., *sC.* 54 Garden
Henderson, H. P., *Asst.* [23] (also 2*G.*) T. 13
Henderson, J. F., 2*S.* M. 56
Henderson, P. G., 2*C.* M. 2
Hendrickson, C. J., 1*S.* 6 Story
Henneberger, H., 2*C.* Hampden 4
Henneberry, W. P., 1*C.* Hampden 35
Henry, A. E., 3*L.* C't 19
Henry, M. E., 1*G.* 7 Ashton Pl.
Henry, W. C., 4*C.* M. 48
Henshaw, R. T., 3*C.* T. 59
Henshaw, S., *Asst.* and *Librarian M. Z.* [639] 8 Fayerweather
Hepburn, J. J., 1*C.* Somer.
Hering, A., *sS.* 16 Oxford
Herman, E. W., 3*M.* 93 Mt. Vernon*
Hermann, O. J., 1*C.* Rox.
Herrick, P. W., 2*C.* Beck 24
Hersey, A. U., 2*L.* T. 65
Hersey, E., *Instr. B.*, and *Supt. of Bussey Farm* [6] Bussey Farm, Roslindale
Hersey, H. W., 2*S.* T. 65
Hertzog, W. S., 2*C.* 469 Broadway
Hess, E. A., *sC.* 51 Oxford
Hess, F. J., 2*S.* 89 Linden, Everett
Hewes, H. F., *Instr.* [28] 125 Marlboro*
Heyman, G. D., 1*C.* C't 31
Hibbard, C. B., 1*C.* Dor.
Hichborn, P. S., 1*S.* Westmorly 124
Hickenlooper, S., 2*L.* Winthrop 12
Hickey, C. H., 3*S.* New Dor.
Hickey, J. B., 2*C.* 7 Mills, Rox.
Hickey, J. J., 4*M.* Marblehead
Hicks, L. S., 1*C.* 25 Harwich*

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Higbee, J. A., 2*S.* 33 Holyoke
Higby, K. E., 1*L.* 65 Hammond
HIGGINS, F. A., *Instr.* [27] 384 Commonwealth Ave.*
Higgins, H. B., 3*C.* Craigie 105
HIGGINSON, F. L., *Overseer* [4] 50 State*
HIGGINSON, H. L., *Fellow* [3] 44 State*
Hildreth, C. L., 2*L.* 14 Garden
Hildreth, G. K., 2*M.* 470 Mass. Ave.*
HILL, A. S., *Prof.* [6] 1 Otis Pl.*
Hill, C. G., 1*S.* W. H. 4
Hill, E. V., 2*C.* Quincy 5
Hill, G. J., 4*M.* 93 St. Botolph*
HILL, H. B., *Prof.*, and *Director of Chem. Lab.* [9] Bn. 10
HILL, J. P., *Asst.* [23] (also 3*L.*) W. H. 42
HILL, L. D., *Austin T. F.* [21] 20 Vincent
Hill, L. P., 4*C.* 1560 Cambridge
Hill, L. S., 3*C.* T. 5
HILL, S., *Overseer* [5] Seattle, Wash.
Hill, W. A., 1*Dv.* D. 30
Hill, W. N., 3*C.* Little's 12
HILLS, A. S., *Asst.* [23] T. 54
HILLS, W. B., *Assoc. Prof.* [9] 688 Boylston*
Hinckley, G. W., 4*C.* Craigie 205
Hinckley, J., 1*C.* Randolph 28
Hinckley, S. N., 2*C.* Apthorp 2
Hindle, W., 4*M.* 15 Rutland Sq.*
Hinds, R. W., 1*C.* Trinity 3
Hines, J. J., 1*C.* P. 20
HINES, M. A., *Asst.* [22] (also 2*G.*) 9 Riedesel Ave.
Hinkley, T. T., 3*L.* 6 Riedesel Ave.
Hinrichs, L. E., 2*C.* 34 Mellen
Hirsch, D. C., 3*L.* 23 Irving
Hirsch, L., *sS.* 417 Broadway
Hirsh, H. A., 2*C.* 1716 Cambridge
Hirshberg, H. A., 1*C.* B'kline
Hirshberg, S., 7*G.* B'kline
Hitchings, F. W., 3*M.* 32 St. James Ave.*
HOAR, G. F., *Overseer* [5] Worcester
HOAR, S., *Fellow* [3] Concord
Hobart, R. B., 1*C.* Craigie 405
Hobbs, C. W., 2*L.* W. 17
Hobbs, I. J., *sC.* 15 Langdon
Hobbs, N. W., 1*L.* 96 Prescott
Hobbs, S. T., 4*C.* W. 17
Hodges, C. D., 1*S.* Russell 19
Hoe, A. I., 2*C.* Fairfax 46
Hofeller, E. D., 1*C.* W. H. 24
Hoffman, L. H., 1*C.* Hampden 33
Hoffman, W. W., 1*L.* 52 Brattle
Hoffmann, R., 1*G.* Belmont
Hogan, F. J., 1*M.* 385 W. 4th, So.*
Hogan, J. P., 3*S.* W. 47
Hogg, J. L., 2*G.* 109 Museum
Hogg, R. H., 1*C.* Randolph 46
Hoguet, J. P., 2*C.* Westmorly 136
Hohfeld, W. N., 2*L.* 4 Carver
Holbrook, H. E., 4*S.* 20 Prescott
Holcomb, G. N., *gr Dv.* D. 24
Holcombe, A. N., 1*C.* Winchester
Holden, G. S., 3*C.* Ware 20
Holdsworth, F., 3*C.* T. 17
Holland, C. M., 1*C.* 53 Ellery
Holliday, J. H., 3*L.* 26 Quincy
Hollings, C. B., 1*M.* 53 Ellery
Hollingsworth, A., 1*L.* Randolph 26
Hollingsworth, V., 1*C.* Westmorly 43
Hollins, H. B., 3*S.* Claverly 30
HOLLIS, I. N., *Prof.* [11] 52 Wendell
Holman, C. R., *sC.* 14 Kirkland R'd
Holme, P. H., 3*L.* 44 Brattle
HOLMES, E. P., *Instr.* [32] 184 Boylston*
Holmes, H. McI., 1*C.* M. 51
Holmes, H. W., 4*C.* H. 15
Holmes, J. H., 2*Dv.* D. 28
Holmes, W. Chapin, 1*C.* 6 Logan, Rox.
Holmes, W. Cornelius, 1*C.* 63 Dana
Holsapple, F. B., 2*C.* Hampden 8
Holsberg, M. B., 2*C.* 34 Parker
Holt, C. B., 4*C.* Ware 23
Holt, C. H., 1*M.* 341 Columbia
HOLT, E. B., *Instr.* [20] 13 Chauncy
Holt, E. W. A., 4*M.* No. Andover
Holt, G. B., 2*S.* Waverley
Holt, H. F., 2*M.* Andover
Holt, R. T., 3*C.* Ware 23
Holt, W. L., 2*M.* 54 Pinckney*
Holton, J. W., 1*C.* P. 82
Holz, H. A., *sS.* 45 Winthrop
Homans, J. A., 4*M.* 164 Beacon*
Hood, E. O., 2*S.* G. 16
Hood, J. W., 1*C.* 96 Magazine
Hook, E. A., 2*G.* 105 Hammond
Hooper, C. E., 1*S.* 28 Hurlbut
Hooper, J. R., 1*C.* Claverly 35
Hooper, W. E., 1*C.* W. 46
Hooven, P. M., 1*L.* 192 Upland R'd
Hopkins, A. L., 2*S.* Westmorly 46
Hopkins, F. H., 4*M.* 119 F, So.*

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Hopkinson, G., 2*M.* 85 Brattle
Hopson, A. W., 2*C.* 1727 Cambridge
Horack, H. C., 2*L.* H'ke 1
Horan, C. T., 1*L.* H'ke 42
Horblit, M. M., 2*C.* 41 Union
Horkheimer, B. S., 3*C.* W. H. 18
Horn, E. B., 1*L.* G. 2
Hornbrook, F. W., 2*M.* 66 Mt. Vernon*
Horne, I. W., 1*G.* 9 Felton
Horton, J. B, 3*C.* 26 Mellen
Horton, W.G., 3*G.* 26 Braemore R'd*
Hosley, W. A., 3*M.* 73 Pinckney*
Hosmer, F. C., 1*G.* Somer.
Hosmer, H. J., 2*L.* Concord
Houghton, A. S., 1*L.* Somer.
House, A. I., 1*Dn.* 4 Marlboro*
Houston, G. D., 3*C.* 105 Inman
Hovey, C. F., 1*C.* 7 Felton
Hovey, E. C., 1*C.* 56 Plympton
HOWARD, A. A., *Prof.* [12] 12 Walker
Howard, A. D., 1*G.* 32 Gorham
Howard, J. M., 1*C.* P. 52
Howard, J. R., *sC.* 93 Tyler*
Howard, P. D., 2*C.* S. 26
HOWARD, W. G., *Instr.* [14] H'y 20
Howard, W. J., 1*C.* 1556 Cambridge
Howe, C. H., 3*C.* C. 19
Howe, D. R., *sS.* Hampden 27
Howe, G. P., 3*M.* 54 Pinckney*
Howe, W. B., 2*L.* Winthrop 27
Howells, H. B., 2*L.* 67 Oxford
Howes, D. W., 4*S.* 28 Plympton
Howland, E. M., 1*C.* 46 Eliot, Jam. Pl.
Howland, E. S., 1*S.* 1648 Mass. Ave.
Hoye, H. W., *sL.* 7 Sumner
Hoyle, A. E., 1*G.* Concord
Hoyt, C. W., 2*M.* 125 Marlboro*
Hoyt, J. F., 2*C.* 22 Mt. Auburn
HOYT, P. C., *Instr.* [19] 49 Wendell
Hubbard, G. G., 2*S.* 150 Brattle
Hubbard, R. A., 2*S.* W. H. 8
Hubbard, W. E., 3*M.* Brighton
Hubbard, W. H., 4*C.* M. 18
Hubbard, W. O., 2*C.* 11 Forest
Hudson, J. H., 3*L.* 40 Kirkland
Huggins, G. E., 2*G.* S. 25
HUGHES, C. J., *Lectr.* [25] Denver, Colo.
Hughes, H. DeH., 3*C.* 27 Holyoke
HUGHES, H. J., *Instr.* [19] 12 Hawthorn
Hughes, J. M., 3*C.* P. 12
Hughes, R. W., 1*C.* 19 Prentiss
Huguley, A. W., 4*C.* Read's 2
HUIDEKOPER, H. S., *Overseer* [4] Philadelphia, Pa.
Hull, G. H., 1*L.* 48 Concord Ave.
Hull, R. M., 3*C.* 48 Concord Ave.
Humbert, F. U., *sS.* T. 58
Humphreys, R. D., 2*C.* Westmorly 121
Humphreys, W. R., 1*G.* 64 Kirkland
Humphries, E. H. B., 4*C.* F. 16
Hunnewell, F. W., 1*L.* Apley 52
Hunnewell, J. M., 2*L.* Dunster 31
Hunt, A., 3*C.* H. 3
Hunt, E. T., *sB.* Cohasset
Hunt, G. L., 2*C.* M. 12
Hunt, L. E., 4*C.* W. H. 32
Hunt, M., 3*S.* Hampden 5
Hunt, W. L., 2*S.* H. 24
Hunter, J. M., 3*C.* C't 3
Hunter, W. H., 3*C.* 82 W. Eagle, E.*
Hunting, D. M., 3*C.* T. 57
Hunting, E. N., 4*S.* Craigie 301
Huntington, E., 2*G.* 10 Ashton Pl.
HUNTINGTON, E. V., *Instr.* [19] Fairfax 35
Huntington, H. E., 3*S.* W. H. 26
Huntington, M. P. St. A., *sC.* 51 Oxford
Huntress, G. L., *sS.* Westmorly 46
Hurd, W. M., 3*S.* H'ke 10
Hurlburt, H. F., 1*L.* Drayton 18
HURLBUT, B. S., *Asst. Prof.*, and *Dean of Harvard College*, [13] H. 7
Hurley, D. J., 2*C.* Ch's'n
Hurley, E. D., 3*M.* 143 Bolton, So.*
Hurley, J. J., 4*M.* 9 Malden*
Hurlin, A. M., 1*C.* 13 Meacham R'd
Huse, C. P., 3*C.* P. 50
Huselton, N. R., 3*L.* Winthrop 14
Hussey, E. J., 4*M.* 126 W. Newton*
Hutchins, C., 2*C.* Westmorly 42
Hutchinson, A. E., 1*C.* Randolph 38
Hutchinson, H. S., 3*C.* Randolph 62
Hutchinson, J. B., 3*C.* M. 32
Hutchinson, W. S., 2*G.* 1691 Cambridge
HUTCHISON, P. A., *Asst.* [22] (also 2*G.*) 371 Harvard
Hyde, A. W., 1*L.* W. H. 50
Hyde, D. C., 1*C.* 171 Hancock
Hyde, G. E., 2*C.* Hyde Park
HYLAN, J. P., *Asst.* [23] 60 Highland Ave.

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Illoway, B. A., 2*C.* 52 Plympton
Inches, C. F., *sL.* P. 84
Ingalls, F., 3*C.* Beck 45
Ingham, L. W., 1*L.* 54 Kirkland
Inglis, H. J., 3*M.* 598 Tremont*
Inglis, R., 4*C.* H. 32
Ingram, C. E., *sS.* 25 Holyoke
Ingram, H. C., 2*S.* 25 Holyoke
Ireland, G., *Asst.* [23] (also 1*L.*) H'ke 21
Irving, F. C., 1*C.* Claverly 3
Isles, G. W., 2*Dn.* 27 Guild Row, Rox.
Ives, A. H., 1*C.* Revere
Ives, F. M., 3*L.* T. 13
Ives, H. G., *sDv.* D. 11
Ives, O. J., 4*C.* H'ke 50
Ivy, M. H., 3*C.* 28 Holyoke

Jack, E. E., *Asst.* [27] 215 Beacon*
Jack, J. G., *Lectr.* [32] Jam. Pl.
Jackson, C. L., *Prof.* [8] H'y 11
Jackson, E. B., 1*L.* W. H. 31
Jackson, E. E., *sS.* 74 Oxford
Jackson, F. G., 4*C.* Hampden 38
Jackson, G. S., 2*C.* Westmorly 42
Jackson, H., *Instr.* [26] 309 Marlboro*
Jackson, H. A., 2*S.* 33 Bow
Jackson, J., 3*C.* Claverly 26
Jackson, J. M., *Asst.* [27] 259 Beacon*
Jackson, R. F., *Asst.* [24] (also 4*C.*) 56 Mt. Auburn
Jackson, R. T., *Asst. Prof.* [12] 9 Fayerweather
Jacobs, J. B., 2*C.* P. 34
Jacobson, M. A., 3*L.* 42 Kirkland
Jagemann, H. C. G. von, *Prof.* [11] 113 Walker
Jaggar, T. A., *Instr.*, and *Chairman of Parietal B.* [15] Ware 15
Jaillet, W. A., *Steward of H. D. A.* [33] Memorial Hall
James, A. A., *sS.* 40 Irving
James, D. K., 4*C.* Dana 22
James, H., 2*L.* 95 Irving
James, R. R., 1*L.* 1746 Cambridge
James, R. S., 2*C.* Felton 27
James, W., *Prof.* [8] 95 Irving
Jameson, W. S., 1*C.* 44 Brattle
Janes, A. L., 1*L.* 16 Oxford
Janes, R. F., 2*L.* 2192 Mass. Ave.
Jantzen, F. T., 2*C.* 1134 Mass. Ave.
Jaques, F., 4*C.* 78 Mt. Auburn

Jay, DeL. K., 4*C.* Westmorly 6
Jeffery, J. C., *sL.* Randolph 45
Jeffery, W. L., 2*S.* 28 Mellen
Jeffrey, E. C., *Asst. Prof.* [14] 21 Follen
Jenckes, E. N., 1*C.* 42 Kirkland
Jennings, F. E., 3*L.* 1208 Mass. Ave.
Jessen, K. D., *Instr.* [20] 51 Oxford
Jewett, F. L., *grDv.* D. 4
Jewett, F. R., 4*C.* Newton
Jewett, V. F., 1*S.* Quincy 11
Jockel, F. W., 1*C.* Everett 26
Johnson, A., 1*S.* Claverly 42
Johnson, A. F., 1*L.* S. 11
Johnson, D. E., 1*C.* Hampden 25
Johnson, E. C., 3*C.* H. 25
Johnson, E. F., 2*C.* P. 85
Johnson, E. H., 1*G.* 53 Oxford
Johnson, F., 1*C.* Dana 23
Johnson, F. H., 3*C.* F. 12
Johnson, G., 3*S.* Little's 21
Johnson, G. C., 4*C.* Little's 21
Johnson, H. C., 2*S.* Hampden 20
Johnson, H. P., 2*C.* P. 25
Johnson, H. W., 2*M.* 11 Chester, Watertown
Johnson, J. G., *sC.* T. 24
Johnson, J. N., 2*C.* G. 19
Johnson, L. J., *Asst. Prof.* [13] 100 Avon Hill
Johnson, P. A., *sB.* 83 Morton*
Johnson, R., 1*C.* Apley 3
Johnson, R. R., 1*L.* 76 Hammond
Johnson, R. W., 1*C.* F. 12
Johnson, S., 2*C.* Randolph 21
Johnson, S. E., *sL.* H'ke 11
Johnson, W. R., 1*C.* 583 Chelsea, E.*
Johnston, C. H., 1*G.* 5 Ashton Pl.
Johnston, F. W., 3*C.* 28 Pond, Jam. Pl.
Johnston, J. R., *Austin T. F.* [22] (also 1*G.*) 28 Pond, Jam. Pl.
Johnston, W. W., *sC.* 1699 Cambridge
Jones, A. L., 1*G.* 14 Sumner
Jones, A. W., 2*C.* Russell 15
Jones, C., 1*C.* 28 Wendell
Jones, E. P., 3*L.* W. 12
Jones, E. W., 1*C.* 41 Appleton*
Jones, G., 2*C.* Hampden 29
Jones, G. R., 2*C.* Westmorly 136
Jones, H. C., 1*G.* 2 Gorham
Jones, H. M., 3*C.* 16 Oxford
Jones, J. T., 2*S.* 57 Museum
Jones, S. C., 1*S.* Cliftondale
Jones, T. F., 1*C.* Allston

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Jones, W. McK., 2*C.* 30 Holyoke
Jones, W. St. C., 2*S.* P. 48
Jones, W. W., 4*S.* 15 Mellen
Jopling, M. W., *sS.* Craigie 304
Joralemon, I. B., 2*C.* W. 45
JORDAN, J. O., *Asst.* [27] 30 Huntington Ave.*
Jordan, R., 1*C.* Claverly 5
Jordan, W. B., 1*S.* 70 Kirkland
Joshua, S. E., 2*C.* 1673 Cambridge
JOSLIN, E. P., *Asst.* [28] 517 Beacon*
Joy, B., 2*C.* Claverly 54
Joyce, F. L., 4*M.* Harv. Med. Sch.*
Ju, S., *sS.* 114 Harrison Ave.*
Judd, A. C., 1*S.* Craigie 407
Julian, W. E., 2*S.* 423 Broadway

Kabatchnick, M., 1*C.* 1124 Mass. Ave.
Kafer, L. S., 1*L.* 1727 Cambridge
Kahn, H. E., 1*Dn.* 17 Blagden*
Kahn, I. S., 4*M.* Winthrop
Kahn, W. N., 1*C.* P. 13
Kallen, H. M., 4*C.* 41A Irving
Kangisser, H., 3*C.* H. 18
Kangley, J. A., 1*C.* Hampden 42
Kanthlener, H. F., 3*G.* 26 Trowbridge
Karr, A. J., 1*C.* Craigie 406
Katz, H., *sC.* 112 Salem*
Kaufmann, C. C., 3*C.* Little's 1
Kay, J. A., 1*C.* 28 Sacramento
Kayser, P. B., 2*C.* Hampden 26
Kazanjian, V. H., 1*Dn.* Rox.
Keator, F. R., 1*L.* 8 Story
Keedy, E. R., 2*L.* 66 Wendell
Keeler, C. B., 2*C.* W. H. 56
Keeler, L. H., *sL.* 18 Sumner
Keeney, P. H., 1*C.* Hampden 24
Keesey, V. K., 4*C.* Ware 17
Keever, H. F., 2*C.* 41A Irving
Keith, A. R., 4*M.* 16 Ashford, Allston
Keith, M. S., 4*C.* 46 Irving
Kelley, C. M., 1*C.* 1200 Mass. Ave.
Kelley, H. E., 4*C.* 1200 Mass. Ave.
Kelley, J. B., 1*B.* 29 Seaverns Ave.*
Kelley, J. E. J., 4*C.* Dor.
Kelley, J. S., 4*M.* W. Newton
Kelley, J. W., 1*C.* C. 6
Kelley, N., 1*C.* G. 33
Kellogg, A. M., 4*C.* Dunster 55
Kellogg, F. S., 1*C.* Ware 37
Kellogg, H. F., 1*S.* 16 Garfield
Kellogg, H. J., 2*S.* W. 39
Kellogg, R. G., 1*C.* Randolph 46
Kelly, J. V., 2*C.* Newton
Kelly, S. E., 1*L.* D. 32
Kelly, W. D., 4*M.* 361 Charles*
Kelsey, P. H., 1*M.* 10 Ashton Pl.
Kelso, R. W., 3*C.* M. 27
Kempner, C., 1*C.* T. 64
Kendall, A., 3*C.* 58 Mt. Auburn
Kendall, A. S., 2*C.* T. 11
Keniston, D. B., 1*L.* 7 Sumner
Keniston, R. H., 3*C.* Somer.
KENNEDY, F. L., *Instr.* [15] 5 Mercer Circle
Kennedy, S., 3*L.* W. H. 58
KENNELLY, A. E., *Prof.* [12] Prescott 14
Kenney, T. F., 3*M.* Worcester
Kent, R. P., 2*M.* 8 Berwick P'k*
Kent, W., 2*S.* Randolph 9
Kenyon, G., 3*C.* Ware 21
Keogh, A., 4*C.* 9 Bow
Keough, W. C., 3*C.* 1673 Cambridge
Keppelman, J. A., 2*L.* Winthrop 32
Kerans, E. C., 3*C.* M. 49
Kernan, H. D., 2*S.* Westmorly 146
Kernan, R. D., 2*C.* Claverly 4
Kernan, R. P., 4*S.* Russell 7
Kerper, G. B., *sL.* 140½ Mt. Auburn
Kerr, J. A., *sS.* 1134 Mass. Ave.
Kesselhuth, F. A., 2*S.* T. 58
Ketchum, P., 1*C.* 102 Mt. Auburn
Keyes, H. F., *sC.* C. 6
Keyser, G. D., 2*S.* C't 43
Kibbey, B. A., 1*C.* Fairfax 13
Kibbey, R. C., 3*C.* Fairfax 14
Kidd, A. M., 3*L.* 61 Oxford
Kidder, H. M., 3*C.* 56 Mt. Auburn
Kidder, J. F., 1*C.* Little's 6
Kidner, F. C., 3*M.* 16 Brimmer*
KIERNAN, T. J., *Supt. of Circulation in Coll. Lib'y* [16] 25 Trowbridge
Kilduff, G. L., 1*S.* 469 Broadway
Kilmer, F. M., 3*S.* H'ke 35
Kimball, B. M., *sS.* C. 11
Kimball, C. L., 1*C.* 59 High, Ch's'n.
Kimball, D. B., 2*C.* 53 Trowbridge
KIMBALL, E., *Asst.* [22] (also 2*G.*) F. 14
Kimball, E. R., 1*S.* T. 3
Kimura, B. S., 2*G.* Lawrence 18
King, A., 4*C.* M. 8
King, C., 1*C.* Claverly 24
King, E. D., 1*C.* Apley 54
King, E. O., 2*L.* 47 Sacramento
KING, E. S., *Asst.* [17] 15 Walker

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King, G. A., 1*C.* C. 65
King, H. D., 3*M.* Harv. Med. Sch.*
King, H. T., 3*M.* 487 Mass. Ave.*
King, H. W., 2*L.* Winthrop 4
King, LeR , 1*C.* Claverly 36
King, Mitchell, 3*C.* Russell 26
King, Moses, 3*C.* 55 Trowbridge
King, W. I., 2*L.* 54 Hammond
Kingman, L. C., 3*M.* 165 W. B'kline*
Kingsbury, W. J., 4*C.* Read's 1
Kinnicutt, R., 1*M.* 87 Pinckney*
Kinsley, A. D., 1*S.* Craigie 401
Kirkley, J. A., *sC.* 55 Frost
Kirkpatrick, J. D., 2*C.* H'ke 12
Kirkpatrick, W. A., 1*C.* Claverly 37
Kirmayer, H. W., 4*S.* 89 Putnam Ave.
Kirtland, H. B., 3*L.* H. 2
Kissock, G. A., *sC.* 242 Princeton, E.*
Kissock, R. J., 1*M.* 242 Princeton, E.*
KITTREDGE, G. L., *Prof.* [12] 8 Hilliard
Kittredge, W., 4*C.* Apthorp 10
Klein, S. A., 3*C.* W. H. 27
Kline, B., *sC.* 13 Kirkland Pl.
Kling, M. J., 2*L.* C. 45
Knapp, F. A., 2*G.* Somer.
KNAPP, P. C., *Instr.* [26] 33 Marlboro*
Knight, J., 4*C.* 46A Dana
Knight, W. H., 4*S.* 12 Sumner
Knoop, W. T., 1*M.* 54 Rutland Sq.*
Knowles, H. S., 1*L.* 60 Brattle
Knowles, J. A., 4*C.* Westmorly 37
Knowlton, A. R., *sS.* 469 Broadway
Knowlton, C. E., 2*Dn.* 1134 Mass. Ave.
Knowlton, D. W., 4*C.* Claverly 1
Knowlton, H., 3*C.* Randolph 5
Knowlton, R. H., 1*M.* S. 31
Koechl, O. R., 2*C.* Russell 1
Koehler, K. H., 2*C.* 5 Linden
Kohler, C. W., *sS.* Arlington H'ts
Kracke, E. A., 3*C.* M. 30
Kretzinger, G. W., 2*L.* W. H. 33
Krokyn, J. F., 2*S.* H'ke 3
Krumbhaar, C. H., 4*C.* Apley 22
Krumbhaar, E. B., 3*C.* Claverly 12
KULLMER, C. J., *Instr.* [21] W. 7
Kumler, P., 3*L.* Winthrop 30

Lacy, B. S., 4*C.* P. 15
Lacy, F. R., 1*L.* P. 15
LADD, M., *Asst.* [30] 220 Marlboro*
Ladd, W. E., 1*M.* Milton
Ladd, W. P., 1*G.* H'ke 36
LAFORGE, L., *Austin T. F.* [21] 16 Prentiss
Lahey, F. H., 3*M.* Felton 17
Lakeman, C. E., 3*C.* H. 20
Lamb, A. B., 1*G.* 76 Hammond
Lamberson, F., 1*L.* 42 Wendell
LAMESLÉE, A. M., *Instr.* [18] Felton 18
Lamson, K. W., 1*C.* 64 Kirkland
Lamson, P. D., 2*C.* Dana 42
Lander, C. F., *sC.* P. 58
Lane, C. C., 3*C.* H. 10
Lane, C. G., 2*C.* P. 25
LANE, E. B., *Instr.* [26] New Dor.
Lane, J. W., 4*M.* 59 Richfield, Dor.
Lane, P. H., 2*M.* Nahant
Lane, R., 3*C.* Claverly 12
LANE, W. C., *Librarian*, [16] 19 Oxford
Lang, M. B., 4*C.* 8 Brimmer*
LANGDELL, C. C., *Prof. Emeritus*, [6] 40 Quincy
Langley, H. F., 3*Dn.* Randolph
Langley, H. S., 1*C.* W. 39
LANGMAID, J. F., *Asst.* [24] (also 1*G.*) H'ke 50
Langmaid, S. I., 1*C.* H'ke 23
Langmann, O. F., 1*C.* 1727 Cambridge
Lankershim, J., 1*C.* Trinity 5
LANMAN, C. R., *Prof.* [9] 9 Farrar
Lapham, R. D., 2*C.* Randolph 51
Larned, J. I. B., 2*C.* W. 29
Larned, W. C., 2*C.* W. 29
Larrabee, A. P., 1*G.* 3 Norris
LARRABEE, R. C., *Asst.* [29] 912 Beacon*
Latta, J. E., 1*G.* 9 Ashton Pl.
Laubenstein, G. B., 1*L.* 14 Plympton
Lavandera, M., *sC.* 187 St. Botolph*
Law, R. A., 1*G.* 1673 Cambridge
Lawrence, A., 3*S.* 54 Mt. Auburn
Lawrence, C. H., 3*C.* 68 Mt. Auburn
Lawrence, P. V., 4*C.* Ware 30
LAWRENCE, W., *Overseer* [5] 101 Brattle
LAWRENCE, W. W., *Instr.* [20] (also 4*G.*) Ware 43
Lawson, C., 2*S.* Angleside, Waltham
Lawson, D., 1*G.* 378 Harvard
Lawton, G., 2*S.* Craigie 104
Lawton, L. J., 2*Dn.* 59 Pinckney*
Lazarus, E. S., 3*C.* 42 Kirkland
Lazarus, I. H., 1*C.* 6 Beale, Ashmont

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Lazarus, L., 1*C.* 14 Holyoke*
Lea, H. R., 2*L.* 55 Hammond
Leahy, F. T., *sL.* 523 4th, So.*
Leake, J. P., 3*C.* H'y 21
Leary, L. H., 2*C.* 936 Broadway, So.*
Leatherbee, R. W., *sS.* 40 Bow
Leavitt, G. T. W., 4*C.* F. 9
Leavitt, P. A., 1*Dn.* 58 Pinckney*
Leaycraft, R. R., 2*C.* Westmorly 126
Lebowich, J., 2*C.* P. 71
Ledyard, L. C., 3*L.* 60 Brattle
Lee, C. C., 1*S.* 5 Linden
Lee, J. McI., *sL.* Little's 7
Lee, J. W., 3*C.* Claverly 12
Lee, R. E., 4*M.* Chelsea
Lee, R. I., 2*M.* 67 Pinckney*
Lee, R. R., 2*L.* 61 Oxford
Lee, W. G., *Proctor* [25]
(also 3*M.*) Little's 7
Legg, C. A., 2*C.* 421 Broadway
Legh, S. C., 3*C.* Felton 31
Lehman, A. J., 1*C.* 1667 Cambridge
Lehmann, F. W., 2*C.* M. 48
Leighton, G. M., 1*C.* 23 Wendell
Leighton, R. F., *sS.* Ashmont
Leighton, W. L., 2*G.* W. 40
Leland, A., 1*C.* Claverly 46
Leland, B. T., 1*C.* 483 B'way, So.*
Leland, W. G., *Asst.* [23]
(also 3*G.*) Newton Lower Falls
Leman, S. D., 1*C.* W. H. 12
Lemann, M. M., 3*C.* 381 Harvard
Lemont, F. H., 4*C.* 23½ Wendell
Lennox, L. C., 2*S.* Drayton 9
Lentine, G. E., 1*M.* 7 Freeman, Dor.
Leonard, E. W., 4*C.* Dunster 40
Leonard, G. M., 4*C.* 28 Plympton
Leonard, G. S., 1*C.* T. 5
Leonard, J. C., 4*C.* 18 Prescott
Leonard, R. J., 1*C.* Randolph 11
Leopold, J. S., 1*M.* 206 Mass. Ave.*
Lester, D. H., 2*S.* P. 61
Letchworth, E. H., 1*L.* S. 27
Leva, L., 3*L.* 8 Irving Terrace
Leventall, A., 2*C.* 46 Gardner, Chelsea
Levine, J. M., 2*S.* 66 W. Cedar*
Levy, A. F., 2*C.* 8 Sherman, Rox.
Levy, B. A., *sC.* 368 Centre, Jam. Pl.
Lewis, C. A., 1*C.* S. 13
Lewis, C. B., 2*C.* Hampden 39
Lewis, C. I., 1*C.* F. 15
Lewis, C. S., 1*C.* P. 43
Lewis, C. W., 2*C.* Craigie 402
Lewis, E. W., 4*C.* 57 Museum
Lewis, F., 1*L.* 43 Irving
Lewis, F. T., *Instr.* [30]
36 Highland Ave.
Lewis, G. N., *Instr.* [20] Fairfax 7
Lewis, G. R., 1*G.* W. 53
Lewis, G. W., 1*C.* 52 Mt. Auburn
Lewis, H., *sL.* 43 Irving
Lewis, J. B., 1*S.* Read's 10
Lewis, J. J., *sL.* 34 Mellen
Lewis, J. P., 3*M.* 23 Kerwin, Dor.
Lewis, Jay R., 1*C.* T. 18
Lewis, John R., 2*S.* W. 53
Lewis, K. B., 3*C.* S. 13
Lewis, L., 3*M.* 126 Shawmut Ave.*
Lewis, P. M., 3*C.* 153 Mt. Auburn
Lewis, R. L., 1*C.* 96 Prescott
Lewis, S. L., 2*C.* S. 32
Lewis, W., 2*C.* H'ke 45
Libbey, M. A., 1*S.* F. 8
Libby, H. C., 3*C.* C't 24
Lichtenstein, W., 3*G.*
1673 Cambridge
Lightner, M. T., 4*C.* T. 56
Lincoln, A., *Overseer*, [5] 53 State*
Lincoln, A. W., *sC.*
12 Howland, Rox.
Lincoln, D. W., 3*C.* 42 Mt. Auburn
Lincoln, G. C., 2*C.* 42 Mt. Auburn
Lincoln, H. L., 1*C.* Belmont
Lindemann, C. A., 1*G.* 357 Harvard
Lindsay, T. P., 2*C.* Claverly 12
Lindsley, T., 3*S.* Russell 22
Linehan, J. C., 4*S.* 1480 Cambridge
Linenthal, H., 3*M.* 93A Webster, E.*
Linforth, I. M., 1*G.* 66 Kirkland
Linnell, I. N., 2*C.* Drayton 16
Lippincott, I., 3*C.* 17 Putnam Ave.
Lissner, J., 1*C.* 419 Mass. Ave.*
Litchfield, B. S., 4*S.* Claverly 45
Littig, E. C., 4*C.* H'y 6
Littig, W. T., 1*S.* H'y 6
Little, A. R., 4*C.* 53 Dunster
Little, E. R., 3*S.* 26 Holyoke
Little, H. B., 3*C.* Dana 33
Littlefield, J. B., 1*L.* P. 47
Livermore, H., 1*L.* Jam. Pl.
Livermore, P. W., 4*C.* 9 Bow
Lloyd, A. T., 2*L.* 47 Sacramento
Lloyd, D., 3*C.* Hampden 43
Lloyd, H. D., 4*M.* 94 Mt. Vernon*
Locke, A., 3*C.* P. 66
Locke, A. W., 2*C.* 7 Francis Ave.
Locke, J. R., 1*L.* Everett 45
Locke, R. W., 4*C.* H'y 14

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Locke, W. A., *Organist and Choir-Master* [9] 7 Francis Ave.
Locke, W. W., 1*G.* Jam. Pl.
Lockwood, D. P., 4*C.* Trinity 12
Loeb, J., 3*L.* 42 Kirkland
Loewenthal, W., 1*C.* P. 4
Loftus, J. T., 4*M.* Worcester
Long, A. B., 1*C.* 45 Forbes, Jam. Pl.
Long, J. A., 3*S.* 1727 Cambridge
Long, J. D., *President of Overseers* [5] Hingham
Long, M. H., 1*L.* 22 Claremont P'k*
Long, P. W., 3*G.* 18 Prescott
Long, T. L., 2*C.* C. 7
Longfellow, H. N., 3*M.* Harv. Med. Sch.*
Longwell, H. C., 1*G.* 48 Dana
Look, S. M., 2*G.* 1673 Cambridge
Loomis, C. D., 1*C.* W. H. 20
Loomis, D. L., 3*S.* 1010 Mass. Ave.
Lorch, E., *Asst.* [23] (also 1*G.*) 16 Mellen
Lord, H. S., 1*C.* 38 Mt. Auburn
Lord, J. C., 4*C.* Randolph 54
Lord, R. W., 2*C.* T. 46
Lord, W. S., 2*C.* W. 15
Lorillard, B., 1*S.* Westmorly 35
Lorillard, P., 3*C.* Randolph 9
Loring, C. G., 4*C.* H'y 22
Loring, C. R., 4*C.* 31 Holyoke
Loring, W. C., *Overseer* [4] Court House*
Lothrop, H. A., *Asst.* [27] 10 Marlboro*
Lothrop, O. A., 3*C.* 1654 Mass. Ave.
Lothrop, S. B., 2*C.* Ware 52
Loud, N. C., 1*C.* 18 Prescott
Loughead, C. B., 4*C.* 28 High, Ch's'n
Lounsbery, R., 1*C.* Apley 24
Love, J. A., 2*L.* 1132 Mass. Ave.
Love, J. L., *Asst. Prof.*, and *Sec'y of the L. S. S.* [12] 27 Walker
Lovejoy, C. F., 3*C.* W. H. 17
Lovering, J. S., 4*C.* 35 Bow
Lovett, R. W., *Asst.* [26] 234 Marlboro*
Low, B. R. C., 1*L.* Winthrop 6
Lowell, A. L., *Prof.* [11] 171 Marlboro*
Lowell, F. C., *Fellow* [3] U. S. District Court*
Lowenthal, S. S., 2*L.* Winthrop 31
Lowery, J., 3*C.* 5 Linden
Lowes, J. L., 1*G.* 74 Oxford
Lowney, J. J., 2*M.* 45 Rutland Sq.*
Lubin, S. J., 3*C.* C't 29
Lucas, J. G., *sS.* 30 Irving
Luce, D. S., 2*M.* Harv. Med. Sch.*
Luhman, H. F., 2*L.* 55 Hammond
Lund, F. B., *Asst.* [28] 529 Beacon*
Lunt, A. E., 1*L.* S. 16
Lunt, D. S., 3*C.* T. 9
Lupien, U. J., 1*S.* Cochituate
Luther, W. B., 1*L.* Winthrop 22
Lutz, F. L., 2*M.* Dedham
Lutz, R. H., *sS.* Quincy 7
Lyman, A. J., *sL.* Drayton 2
Lyman, H. F., 2*L.* 10 Mellen
Lyman, J. O., 1*S.* 11 Mellen
Lyman, R. LuV., 4*C.* 12 Sumner
Lyman, T., *Instr.* [20] B'kline
Lynch, M. B., 4*C.* W. 14
Lynn, R. W., 3*C.* P. 58
Lyon, A. C., 3*L.* 10 Sumner
Lyon, D. G., *Prof.* and *Curator of Semitic Mus.* [10] 1654 Mass. Ave.
Lyon, G. Armstrong, 2*L.* Winthrop 5
Lyon, G. Asa, 3*L.* 6 Sumner
Lyon, H. S., 1*C.* C. 51
Lyon, W. H., 1*L.* 1691 Cambridge
Lyons, I. L., 3*L.* Winthrop 25
Lyons, L. W., 2*L.* S. 8

Maag, W. F., 2*C.* C't 2
McAleer, J. A., 2*L.* Jam. Pl.
McAllester, R. W., 3*M.* Randolph
McAllister, J. J. H., 4*M.* Waltham
McArthur, A. C., 2*S.* Prescott 2
MacArthur, K. C., 1*C.* C't 1
McAusland, W. R., 4*M.* 164 Huntington Ave.*
McAvity, A. G., 3*S.* W. 50
McAvoy, T. A., 1*L.* 28 Mellen
McBreen, H. A., *sL.* W. 51
McBurney, M., 1*C.* 26 Holyoke
McCaa, J. A., 2*C.* 40 Kirkland
McCabe, D. A., 3*C.* C. 45
McCaffrey, C. F., 4*M.* 12 Fitchburg, Somer.
McCall, S. T., 4*C.* 54 Dunster
McCarthy, C. P., 2*L.* H'ke 35
McCarthy, E. R., 3*C.* H'ke 34
McCarthy, J., 2*C.* 88 Mt. Auburn
McCarthy, M. L., *Asst.* [23] (also 2*G.*) 1170 Mass. Ave.
McCartney, W. S., 1*S.* Westmorly 134
McCarty, D. G., 2*L.* P. 35

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McClintock, F. B., 3*M.* Chelsea
McClinton, D. N., 3*S.* 8 Sumner
McClure, G. T., 1*S.* P. 82
McCollom, J. H., *Instr.* [25] 745 Mass. Ave.*
McConnell, R. M., *grDv.* D. 34
McCormick, W. J., 1*C.* 54 Kirkland
McCreery, J. A., 1*C.* 5 Linden
McCutcheon, V. H., 1*C.* Drayton 20
McDermott, G. H., 1*L.* Allston
MacDonald, C. A., 3*L.* H. 26
McDonald, J. T., 1*L.* 89 Inman
Macdonald, W. S., *sC.* 270 E. Eagle, E.*
Macdonald, W. V., 2*C.* 6 Holyoke Pl.
MacDonnell, J. F., 2*C.* 1132 Mass. Ave.
McDonough, F. D., 3*Dn.* Ch's'n
McEnteer, F. D., 2*C.* P. 57
McFadden, A. J., 2*L.* 63 Wendell
McFadon, D., 1*C.* Drayton 13
McGaragle, J. W., 3*C.* 17 Ware
McGawley, J. E., 3*L.* New Dor.
McGilvrey, J. A., 4*C.* C. 15
McGirr, E. B., *sS.* 1522 Cambridge
McGlauflin, C. E., 3*L* 62 Trowbridge
McGlensey, C. E., 4*C.* Claverly 2
McGrew, D.D.L., 4*C.* 72 Mt. Auburn
Mach, E. R. O. von, *Instr.* [19] G. 5
Mach, H. L., 1*L.* C. 7
McIlwain, C. H., 2*G.* 29 Everett
McInnes, W. M., *Asst. Bursar* [17] Dane Hall
McIntosh, F. F., 4*S.* M. 55
MacIntyre, E. T., 1*C.* Drayton 1
McKaig, W. W., 1*S.* 30 Mt. Auburn
Mackay, G. C., *sL.* Craigie 304
Mackay, R. L., 1*C.* 24 Holyoke
McKay, T. C., *Asst.* [22] (also 5*G.*) 20 Martin
McKee, G. J., 2*M.* 3 Sumner
McKendrick, N. S., 3*C.* C. 55
MacKenzie, A. G., *sC.* C. 69
McKenzie, C., 1*Dn.* 37 W. Eagle, E.*
MacKenzie, K. F., 4*C.* P. 80
Mackinnon, A. P., 1*L.* 66 Bay State R'd*
McKnight, W. S., 1*L.* 17 Wendell
McKown, W. P., 3*L.* 40 Kirkland
McLane, C. A., 4*C.* Craigie 504
McLaughlin, T. J., 1*M.* 29 Concord Sq.*
McLaughlin, W. A., 4*C.* 84 Inman
McLaughlin, W. C., 2*M.* 15 Rutland Sq.*
McLean, J. A., 3*M.* Somer.
McLellan, M. S., 3*M.* Melrose Highlands
Macleod, E., 2*C.* 27 Holyoke
McLeod, K., 2*C.* 56 Plympton
McLeod, M., *sC.* 1673 Cambridge
MacLeod, N.M., 2*M.* 449 Mass. Ave.*
McLeod, S. B., 2*L.* 137 Oxford
MacLeod, W., 2*C.* T. 62
Macleod, W. P., 4*M.* 1654 Mass. Ave.
McMahan, T. H., 1*C.* 392 W. Fourth, So.*
McManus, T. B., 1*Dn.* 670 Washington*
McMeekin, R. J., *Demonstr.* [31] Warren Chambers*
McMillin-Whitehead, H. St.C., 2*C.* W. H. 15
McMurray, A. T., 3*Dn.* Harv. Dn. Sch.*
McNamara, J. M., 1*S.* 1699 Cambridge
McNamara, J. P., 2*L.* 1727 Cambridge
McNaugher, S., 3*Dv.* 40 Dana
McNeill, W. S., 1*L.* W. H. 60
McNutt, E. B., 3*L.* T. 33
MacNutt, S. P., 1*C.* P. 21
Macomber, D., 1*C.* F. 8
Macomber, F. G., 3*C.* 37 Bow
Macomber, L., 1*B.* Newton Centre
McQueen, C. A., 1*C.* 43 Irving
McQueen, J. W., 3*L.* 54 Hammond
McSweeney, D. J., 4*M.* 495 Harrison Ave.*
Macvane, S. M., *Prof.* [10] 34 Kirkland
McVicar, E. J., 1*L.* Auburndale
McWilliams, D. S., 2*L.* Winthrop 26
Maddux, P. S., 1*L.* Somer.
Maglathlin, L. E., 2*S.* Hollis 28
Magrane, R. W., 4*C.* T. 63
Magrath, G. B., *Asst.* [30] St. Botolph Studios*
Magruder, A. R., 1*C.* Drayton 4
Maguire, C. F., *sC.* Craigie 203
Maguire, D. F., 1*M.* Dor.
Maguire, E. L., 2*M.* Somer.
Mahan, C. J., 1*C.* Natick
Mahoney, A., 1*C.* Norwood
Mahoney, C. J., 3*L.* No. Andover
Mahoney, D. F., 4*M.* Lowell

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Mahoney, E. A., 1*C.* Newtonville
Mahoney, F. X., 2*M.* Dor.
Mahoney, J. J., 4*C.* C. 1
Mahony, T. H., 1*C.* Rox.
Mailman, G. W., 4*C.* W. 27
Malcolm, S. D., 1*C.* 12 Kirkland Pl.
Malick, J. F., 2*Dv.* D. 39
MALLORY, F. B., *Assoc. Prof.* [13] 291 Newbury*
Malott, C. G., *sL.* 11 Everett
Maltby, C. E., 3*S.* Read's 8
Manahan, P. R., 1*S.* H'ke 31
Mandigo, C. R., 1*C.* 185 Franklin
Mann, E. F., 4*C.* Fairfax 45
Mann, M. J., 2*C.* C. 8
Mann, M. M., 4*C.* 23 Quincy, Somer.
Manning, D. C., 3*C.* M. 49
Manning, J. B., 1*M.* (also 4*S.*) Wollaston
Manning, J. F., 4*S.* 5 Appian Way
Manning, R. F., 3*C.* Russell 14
Mansfield, E. C., 2*L.* 30 Irving
Manson, V. S., 3*C.* Russell 14
Manton, W. W., 2*C.* S. 2
Marble, T. L., 2*L.* 160 W. Canton*
MARCOU, P. B., *Asst. Prof.* [10] 42 Garden
MARCY, H. O., *Asst.* [29] 665 Boylston*
Marean, B. E., 1*C.* 25 Holyoke
Marean, H. W., 1*G.* 15 Inman
Marean, P. E., 4*C.* G. 48
Marion, J. W. J., 3*C.* G. 50
Mark, C., 1*S.* Everett 5
MARK, E. L., *Prof.* and *Director Zoöl. Lab.* [9] 109 Irving
MARK, K. L., *Asst.* [22] (also 4*G.*) 109 Irving
Markelevich, J. L., 1*C.* C. 4
MARKS, L. S., *Asst. Prof.* [15] Westmorly 2
Marsalis, T. L., 3*C.* Claverly 6
Marsh, C. E., 3*C.* Melrose
MARSHALL, A., *Proctor* [25] (also 2*L.*) Craigie 106
Marshall, C. B., 3*C.* Hampden 44
Marshall, F. M., 2*M.* Malden
Marshall, G. M., *sC.* Ware 30
Marshall, H. K., 3*M.* 17 St. James Ave.*
Marshall, Henry P., 3*C.* Ware 19
Marshall, Herman P., 3*M.* 603 Mass. Ave.*
Marshall, L. C., 2*G.* G. 25
Martin, C., 2*C.* W. 12
Martin, D. C., 4*M.* 219 W. Springfield*
Martin, J. R. McI., 1*C.* 67 Oxford
Martin, P. L., *sL.* 19 Magazine
Martin, R. T., *sS.* 15 Mellen
MARVIN, G. D., *Proctor* [25] (also 2*L.*) 31 Holyoke
Marvin, J. B., 2*S.* Apley 23
Marvin, J. E., 4*S.* 1653 Cambridge
Mason, C. E., 2*C.* Westmorly 142
MASON, C. F., *Bursar* [17] Dane Hall
Mason, E. K., 2*L.* 100 Mt. Auburn
Mason, F. R., 2*C.* C. 42
Mason, H. F., 2*C.* Claverly 130
Mason, H. T., 3*C.* 385 Washington
MASON, HAROLD W., *Proctor* [25] (also 2*L.*) 54 Dunster
Mason, Herbert W., 4*C.* Claverly 39
Mason, J. S., 3*S.* Everett 22
Mason, M. P., 1*G.* 347 Commonwealth Ave.*
Mason, P. T., 4*C.* P. 78
Mason, T. A., 1*G.* F. 3
Masstrangialo, S. R., 2*C.* 61 Austin
Mather, V. C., 4*C.* Claverly 2
Mathers, H., 1*Dn.* 487 Mass. Ave.*
Matsukata, O. *sC.* 71 Larch R'd
Matthews, W. C., 2*C.* C. 41
Mattison, J., 1*C.* 31 Holyoke
Mattuck, I. I., 2*C.* 57 Wendell
Maxfield, G. H., 4*M.* Everett
MAXWELL, S. S., *Austin T. F.* [30] 4 Jones, Roslindale
May, B. D., 2*G.* Needham
May, B. F., 4*C.* M. 42
May, H. C., *sS.* Randolph 14
May, R., 3*C.* 56 Mt. Auburn
Mayer, L., 2*C.* T. 32
MAYNADIER, G. H., *Instr.* [14] 49 Hawthorn
Maynard, B. M., 3*C.* H'ke 4
Maynard, R. W., 1*L.* 1599 Mass. Ave.
Mayo, R. C., 1*C.* T. 67
Mead, A., 1*S.* 1033 Mass. Ave.
Mead, H. E., 4*S.* C't 9
Meagher, W. J., 3*Dn.* Mattapan
Means, W. G., 1*C.* Randolph 60
MEEM, G. S., *Asst.* [24] (also 3*S.*) W. H. 52
Meier, C. R. D., 2*S.* Little's 5
Meier, T. G., 3*C.* Little's 12
Meisenbach, R. O., 3*M.* Craigie 304

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Mellor, A. L., 2*C.* 6 Story
Mendel, R. I., 1*Dn.* C't 34
Mendel, W. S., 1*C.* C't 34
Mendelsohn, C., 2*S.* H. 18
Mendelsohn, L., 3*M.* 178 Chambers*
Mercer, W. L., 1*M.* 9 St. Charles*
Meredith, E. S., *sDv.* D. 8
MERIAM, J. L., *Asst.* [22] (also 2*G.*) D. 37
Meriam, L., 2*C.* H'ke 24
Merrell, T., 2*C.* H'ke 20
Merrick, B. P., 3*L.* 30 Centre, B'kline
Merrick, J. H., 2*C.* 671 Washington, Dor.
Merrill, A. A., 1*Dn.* Beacon Chambers*
Merrill, A. R., 1*C.* M. 26
Merrill, B. C., 1*C.* 47 Wendell
Merrill, C. H., 2*M.* 11 Irvington*
Merrill, F. B., 1*L.* 66 Wendell
Merrill, R., *sS.* Manter 4
Merrill, R. W., 2*C.* Westmorly 34
Merrill, W. S., 3*C.* Westmorly 26
MERRIMAN, R. B., *Instr.* [20] Fairfax 33
Merritt, E. W., 3*C.* H. 22
Messinger, H. C., 3*M.* 64 Whiting, Rox.
Metcalf, C. R., 1*M.* 22 Linnaean
Metcalf, G. F., 1*C.* Claverly 53
Metcalf, T. N., 3*C.* S. 9
Metcalf, W. W., 1*C.* Claverly 3
Meyer, H. A., 3*C.* M. 22
MEYER, H. R., *Instr.* [15] 1716 Cambridge
Meyer, W. E., *sL.* Winthrop 20
Meylan, G. L. J., 1*G.* 12 Ellsworth Ave.
Meylan, P. J., *sC.* 12 Ellsworth Ave.
Michell, R. B., 3*G.* 57 Wendell
Michelson, T., 1*G.* C. 21
Middleton, C. P., 1*C.* Dana 34
Mifflin, S. W., 2*L.* 57 Brattle
Miles, R. E., 2*G.* 61 Oxford
Milhau, L. J. deG. de, 1*C.* 5 Linden
Milinowski, A. S., 3*S.* Drayton 7
Millard, J. S., 1*M.* (also 2*S.*) 165 School, Rox.
Mille, A. B. de, 1*G.* 70 Kirkland
Miller, A. K., 1*C.* Drayton 5
Miller, B. A., 3*C.* M. 14
MILLER, D. S., *Instr.* [19] Little's 28
Miller, E. A., 1*G.* Mass. Inst. Tech.*
Miller, E. J., 1*C.* M. 14
Miller, E. T., 1*G.* 32 Irving
Miller, F. W., 1*L.* 43 Peter Parley*
Miller, H., 3*C.* Quincy 1
Miller, H. A., 1*G.* 240 Wash., Newton
Miller, H. L., 1*C.* 469 Broadway
Miller, J. C., *sL.* 64 Commonwealth Ave.*
Miller, L. A., 1*C.* Drayton 5
Miller, M. D., 2*M.* 148 Hancock
Miller, R. B., *grDv.* 62 Trowbridge
Miller, R. H., 2*C.* Hampden 45
Miller, S. R., 4*C.* 54 Dunster
Miller, T. H., 3*C.* H'ke 13
Millet, R. T., 3*C.* W. H. 41
Millikin, V. S., 2*C.* 58 Hammond
Mills, H. W., 1*C.* C. 70
Mills, O. L., 2*C.* Claverly 19
Mills, P. O., 2*C.* Westmorly 106
Miner, C. E., *sC.* Concord
Miner, L. M. S., 2*Dn.* Dor.
MINOT, C. S., *Prof.* [9] 688 Boylston*
Minton, H. A., 4*C.* 13 Sargent, Dor.
Minton, W. H., 1*C.* Forest Hills
Minturn, H., 3*C.* Claverly 43
Mitchell, C., 1*C.* Russell 4
Mitchell, D. H., 2*C.* Randolph 48
Mitchell, G. A., 1*L.* 58 Hammond
Mitchell, G. R., 1*C.* 58 Hammond
Mitchell, W. C., 2*L.* 58 Kirkland
Mitton, A. G., 2*C.* Ware 5
Mixter, C. G., 1*M.* 180 Marlboro*
MIXTER, C. W., *Instr.* [19] 125 Mt. Auburn
MIXTER, S. J., *Asst.* [26] 180 Marlboro*
Mixter, W. J., 1*M.* 180 Marlboro*
Mock, C. W., 1*Dn.* 80 Paul Gore*
MOFFATT, G. T., *Clerk L.S.S.* [33] 11 Howland
Moline, C., 4*M.* C. 27
Moller, K., 1*C.* Claverly 5
Monasmith, H. B., 1*C.* C. 2
Monks, A. G., 3*S.* 31 Holyoke
MONKS, G. H., *Instr.* [26] 67 Marlboro*
MONRO, C., 1*C.* D. 38
MONTAGUE, G. H., *Asst.* [23] (also 2*L.*) T. 7
Montén, W. A., 3*C.* 21 Summer
Montgomery, J. M., 1*C.* 42 Mt. Auburn
Montgomery, J. R., 1*C.* 42 Mt. Auburn

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Moody, J. A., 2*C.* 42 Kirkland
Mook, DeL. E., 3*L.* C't 41
Moon, F. F., 1*M.* Quincy
Moore, A. H., 2*C.* 3 Divinity Ave.
Moore, B. D., 1*C.* G. 44
Moore, Charles H., *Prof.*, and *Director of Fogg Mus.* [7] 29 Follen
Moore, Clifford H., *Asst. Prof.* [14] 34 Shepard
Moore, C. S., *Asst. Recorder* [17] U. 4
Moore, E. C., *Prof.* [11] 15 Lowell
Moore, E. C., 2*S.* M. 43
Moore, F. P., 2*C.* 156 Mt. Auburn
Moore, G. F., *Prof.* [9], and *Preacher*, 3 Divinity Ave.
Moore, H. A., 2*L.* Felton 22
Moore, J. C., 3*S.* 14 Sumner
Moore, J. S., 1*G.* 86 Buckingham
Moore, L. A., 1*C.* Arlington
Moore, L. W., 1*S.* 33 Bow
Moore, MacA., 3*C.* 20 Prescott
Moore, R. A., 2*C.* 28 Sacramento
Moot, R. D., 2*C.* Beck 34
Moran, C. L., 2*M.* 231 Warren, Rox.
Morgan, B. W., 2*Dn.* Malden
Morgan, C. D., 1*C.* 52 Plympton
Morgan, E. M., 1*L.* 42 Irving
Morgan, H., 2*S.* Westmorly 121
Morgan, J. C., *sS.* 11 Whittier
Morgan, M. H., *Prof.* [12] 45 Garden
Moriarty, G. A., 1*C.* Beck 21
Morison, R. S., *Libr'n Div. Sch.*, and *Sec'y Div. Faculty* [16] 17 Farrar
Morley, S. G., *Instr.* [20] 51 Oxford
Morrill, G. N., 3*M.* 12 West Cedar*
Morris, C. C., 1*G.* 12 Kirkland Pl.
Morris, C. H., 3*L.* 503 Br'dw'y, So.*
Morris, H. C., 4*C.* Craigie 102
Morris, L. G., 1*C.* Claverly 51
Morris, R. W., *sC.* 41A Irving
Morrison, F. W., *Asst.* [23] (also 3*G.*) Allston
Morrison, G. S., 1*Dn.* B'kline
Morrison, H., 2*C.* 38 Prince*
Morrison, W. I., 1*L.* 61 Brattle
Morse, A. H., 2*L.* 35 Bow
Morse, E. W., *Instr.* [16] 47 Patten, Jam. Pl.
Morse, G. W., 2*C.* W. 30
Morse, H. H., *Asst.* [23] (also 2*G.*) Somer.
Morse, H. W., *Instr.* [20] H'ke 33
Morse, J. L., *Instr.* [27] 70 Bay State Road*
Morse, N. N., 3*M.* Auburndale
Morse, V. H. C., 4*M.* 10 Farwell Pl.
Morton, F. Q., 1*C.* 1556 Cambridge
Morton, J. W., 1*L.* Hotel Oxford*
Moseley, B. P. P., 3*C.* Claverly 18
Mosenfelder, S., 3*C.* M. 38
Moses, P. L., 1*S.* P. 36
Mosher, H. P., *Asst.* [29] (also *grM.*) 828 Beacon*
Motley, J. L., 2*L.* 22 Commonwealth Ave.*
Motley, W., 3*C.* Claverly 12
Mott, L., 1*S.* Charlesgate*
Mott, R., 2*L.* Winthrop 12
Mower, M., *Instr.* [19] 54 Garden
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Moynahan, J. J., 2*S.* 58 Kirkland
Mueller, O. E., *sC.* C't 41
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Muldoon, C., 4*C.* Somer.
Muldoon, E. J., 4*C.* 18 Bellflower, Dor.
Mullin, H. J., 1*C.* Craigie 107
Mullowney, J. J., *sS.* 1691 Cambridge
Mulock, P., 2*C.* 1663 Cambridge
Mulroy, J. T., *sS.* 2 Yeoman C't, Rox.
Multer, V., 1*Dn.* Marlboro
Mumford, J. G., *Asst.* [27] 29 Commonwealth Ave.*
Munro, J. C., *Instr.* [26] 173 Beacon*
Munroe, A. J., 4*C.* W. 42
Munson, S. L., 3*L.* 1664 Mass. Ave.
Münsterberg, H., *Prof.* [12] 7 Ware
Murchie, G., *Proctor* [24] Beck 41
Murdoch, J., 1*C.* Rox.
Murdock, U. A., 2*C.* Claverly 32
Murphy, A. S., 2*C.* 419 4th, So.*
Murphy, C. D., 3*C.* 109 Museum
Murphy, D. J., 3*L.* Lawrence
Murphy, F. J., 2*S.* 31 Monument Ave., Ch's'n.
Murphy, F. M., 4*C.* 82 Hammond
Murphy, Francis V., 1*M.* Harv. Med. Sch.*
Murphy, Frank V., 2*C.* 419 4th, So.*
Murphy, F. W., 1*S.* Trinity 15

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Murphy, J. C., 2*M.* Norwood
Murphy, T. F., 3*C.* 17 Day
Murray, J. F., 1*C.* 9 Avon
Murray, W. F., 3*C.* H. 29
Murtfeldt, F. W., 2*C.* H'ke 46
MUSGRAVE, P., *Asst.* [30] 10 Exeter*
Mustard, W., 1*G.* 436 Broadway
Muzzey, F. S., 1*C.* Drayton 6
Mydans, M. I., 1*C.* C. 47
Myers, Daniel P., 2*L.* Providence, R.I.
Myers, Dennie P., 1*C.* C. 66
Myers, E., 1*C.* 19 Copeland, Rox.
Myers, G. C., *sC.* H'ke 16
Myers, J. W., 2*C.* Dunster 15
Myers, W. R., 1*C.* C't 35
Mylander, W. C., 3*L.* 53 Trowbridge
MYRICK, A. B., *Austin T. F.* [22] (also 3*G.*) 11 Sumner

Nabers, F. E., *grM.* 688 Boylston*
Nadal, T. W., 1*G.* 58 Kirkland
Nash, F. J., 1*G.* 12 Kirkland Pl.
Nash, H., 2*S.* Dana 26
Nash, W. L., 2*C.* C. 22
Nason, A. W., 1*C.* Craigie 102
NAYLOR, L. H., *Instr.* [32] Newton
Nazro, A. F., 4*C.* Wadsworth 5
Neagle, F. E., 2*C.* Trinity 7
Neal, R. W., 1*G.* 19 Ellsworth Ave.
Neale, L. I., 1*C.* Fairfax 28
Neil, F., 4*B.* 501 W. Park*
NEILSON, W. A., *Instr.* [14] Quincy 4
Nelles, W. R., 2*C.* 12 Sumner
Nelligan, P. J., 3*C.* 20 Fairfield
Nelson, J. A., 1*L.* 1599 Mass. Ave.
Nelson, L., 3*M.* 75 Moreland, Rox.
Nelson, R. B., 1*G.* 409 Broadway
Nelson, W. H., 3*C.* 208 Princeton, E.*
Nesmith, F. H., 1*C.* Fairfax 38
Neville, R., *sC.* 1124 Mass. Ave.
Newald, A. M., 1*C.* Ware 47
Newburgh, L. H., 2*C.* W. H. 27
Newbury, T., 1*C.* 28 Holyoke
NEWELL, F. S., *Asst.* [29] 416 Marlboro*
Newell, G. R., 2*S.* H. 14
Newell, J. B., 2*G.* 111 Hammond
Newell, L. S., 1*C.* W. 24
Newell, L. W., *sC.* Dana 36
Newhall, A. S., 1*S.* Dana 25
Newhall, D. A., 1*C.* 52 Plympton
Newhall, F. W., 2*S.* 461 Walnut Ave., Jam. Pl.
Newhall, H. F., 2*M.* 74 Broad, Lynn
Newlin, G. E., 1*L.* 40 Kirkland
Newman, B., 2*S.* 140 Westville, Dor.
Newman, F. A., 2*Dn.* Everett
Newman, G. A., 1*L.* H'ke 5
NEWTON, G. F., *Instr.* [15] 1101 Beacon Bldg.*
Newton, R. S., 2*M.* Fayville
Nichols, C. W., 2*M.* 119 Cushing Ave., Dor.
NICHOLS, E. H., *Instr.* [27] 294 Marlboro*
Nichols, G. M. G., *sL.* Craigie 505
Nichols, J. C., 4*C.* D. 4
Nichols, J. D., 1*C.* 65 Mt. Auburn
Nichols, J. R., 1*C.* Craigie 108
Nichols, J. W., 1*B.* Hathorne
Nichols, R., 2*C.* 182 Highland Ave., Somer.
Nichols, S. H., 2*C.* 26 Trowbridge
Nickerson, H., 2*S.* 96 Prescott
Nickerson, H. C., 3*C.* Hampden 19
Niles, J. O. G., 2*C.* 21 Parker
Niles, N. L., 2*M.* Harv. Med. Sch.*
Nixdorff, C. E., 2*L.* 11 Quincy
NOBLE, J., *Overseer* [4] Court House*
Noel, D. W., 3*L.* 1132 Mass. Ave.
Noonan, W. A., 1*C.* 109 Otis, E. Camb.
Norman, E. G., 1*L.* 53 Oxford
Norris, A. P., 4*M.* 760 Mass. Ave.
NORTON, A. E, *Instr.* [21] (also 2*G.*) 1 Charles River R'd
NORTON, A. O., *Instr.* [16] S. 21
NORTON, C. E., *Overseer* [4] and *Prof. Emeritus*, Shady Hill
Norton, P. H., 1*L.* M. 53
Norwood, C. A., 1*L.* Everett 1
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Noyes, S. H., 4*C.* Apthorp 3
Nugent, W. C., 1*C.* Jam. Pl.
Nurenburg, L. I., 2*S.* 5 Hazelwood, Rox.
NUTTER, C. R., *Instr.* [19] 50 Beacon*
Nutter, W. J., 1*C.* C. 44
Nutting, J. F., 2*M.* Harv. Med. Sch.*
Nutting, P. A., 2*S.* 1680 Cambridge
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Oakford, A. W., *sC.* 51 Wendell
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O'Connell, J. E., 1*L.* New Dor.
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O'Connor, F. J., 2*C.* C. 1
O'Connor, J. F., 1*Dn.* 96 Gore
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Oelrichs, C. de L., 1*S.* 9 Bow
Oglesby, J. H., 2*C.* Beck 35
O'Keefe, J. A., 2*C.* P. 20
O'Keefe, J. B., *sS.* 32 Oak, Ch's'n
Oldfather, W. A., 2*G.* 16 Carver
OLIVE, E. W., *Instr.* [19] 12 Whittier
Oliver, E. L., 3*M.* 27 Brimmer*
Olmsted, C. M., 4*C.* S. 15
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Olmsted, R., 2*C.* S. 15
Olney, P. B., 4*C.* M. 18
Olson, C. H., 2*L.* 113 Huron Ave.
O'Malley, W. J., 2*L.* Rox.
O'Neil, J. A. F., 4*C.* 45 W. 6th, So.*
O'Neill, H. J., 1*M.* 8 Emerald*
Ong, E. W., 3*L.* 57 Brattle
Openhym, W. A., 2*C.* M. 20
Oppenheimer, J. H., 2*C.* Trinity 6
Ordway, C. E., 3*M.* Winchester
Ordway, T., 2*M.* 1587 Mass. Ave.
O'Reilly, J. A., 1*M.* Beck 4
O'Reilly, W. F., 4*M.* 43 Sydney, Dor.
O'Riorden, M. S., 2*C.* Craigie 203
ORNE, J., *Curator of Arabic MSS., Semitic Mus.* [16] 104 Ellery
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OSGOOD, W. F., *Asst. Prof.* [13] 60 Walker
O'Shea, J. H., 2*M.* Salem
Osmond, A., 2*C.* 353 Harvard
Osterhoudt, G. D., 2*C.* W. H. 14
O'Sullivan, C. J., *sC.* C. 8
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Otero, R., *sS.* Lerner 7
Otis, G. T., 3*C.* W. 41
Otis, H., 3*C.* H. 8
Otis, M. N., 2*Dn.* 461 Mass. Ave.*
Outerbridge, G. W., 2*C.* 58 Mt. Auburn
Outland, C. M., 3*C.* 47A Wendell
Overlander, C. L., 2*M.* 377 Columbus Ave.*
Oveson, R., 2*C.* Dunster 42
Owen, C. M., 1*L.* 64 Kirkland
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Page, A. W., 2*C.* 28 Holyoke
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Paige, R. C., 4*C.* Craigie 303
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Paine, H. W., 1*C.* F. 1
PAINE, J. K., *Prof.* [7] 23 Hawthorn

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PALMER, G. H., *Prof.* [8] 11 Quincy
Palmer, H. W., 2*L.* 10 Oxford
Palmer, J., 2*C.* Fairfax 40
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Parker, A. H., 3*Dn.* 46 Vernon, B'kline
PARKER, C. P., *Assoc. Prof.* [10] 1075 Mass. Ave.
Parker, DeW. H., 1*C.* 23 Hammond
Parker, D. W., 4*M.* 12 Wait, Rox.
Parker, E. C., 2*C.* Craigie 201
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PARKER, G. H., *Asst. Prof.* [13] 6 Avon Pl.
Parker, H. C., 2*S.* 16 Howland
Parker, H. S., 3*C.* 86 Buckingham
Parker, H. W., *sS.* Trinity 4
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Parker, S. B., 2*S.* (also 1*B.*) 86 Buckingham
Parker, W. A., 1*L.* 86 Buckingham
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Parker, W. S., 1*C.* Hapgood 2
Parkin, H. D., 3*C.* Ware 35
Parkinson, J., *sC.* Claverly 28
Parks, R. E., *sC.* 1686 Cambridge
Parmelee, H., 1*C.* 43 Irving
Parson, A. B., 4*C.* H'y 7
Parson, D., 2*C.* 54 Dunster
Parsons, E. M., 4*S.* 54 Dunster
PARSONS, H. S., *Instr.* [32] 196 Marlboro*
Parsons, H. W., 1*S.* 348 Commonwealth Ave.*
Parsons, W. G., 1*G.* 8 Irving Ter.
PATCH, D. M., *Foreman Bussey Farm,* Roslindale
Paton, A. D., 3*S.* C. 9
Paton, H. S., *sS.* C. 9
PATTEN, J. H., *Proctor* [25] (also 1*L.*) ". 29
Patterson, A. T., 1*L.* E. Providence, R.I.
Patterson, H. R., 2*C.* T. 6
Patterson, J. G., 4*C.* D. 23
Patterson, J. J., 2*S.* S. 17
Patterson, P. M., 2*S.* 28 Hillside Ave., Arlington Heights
Patton, C. H., *grDn.* 680 Mass. Ave.*
Paul, A. J. D., 1*C.* Claverly 52
PAUL, J. T., *Instr.* [32] 3 Park*
Paull, H. M., 1*C.* 33 Lexington Ave.
Payson, R., 1*C.* Craigie 505
Peabody, C. L., 4*C.* P. 69
PEABODY, F. G., *Prof.*, and *Dean of Fac. of Divinity* [9] 13 Kirkland
Peabody, F. W., 4*C.* Wadsworth 11
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Peabody, J. D., 1*C.* Randolph 50
Peabody, J. L., 4*C.* Apthorp 8
Peabody, R. M., 3*C.* W. 4
PEABODY, W. R., *Lectr.* [25] 13 Kirkland
Peacock, W., 3*C.* 44 Brattle
Pearre, A., 1*L.* W. H. 25
Pearson, J. C., 2*G.* 111 Trowbridge
Pease, A. S., 1*G.* P. 10
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PEIRCE, B. O., *Prof.* [10] Jeff. Phys. Lab.
Peirce, E. H., 4*S.* P. 73
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PEIRCE, J. M., *Prof.* [6] 4 Kirkland Pl.
Pell, H. C., 1*C.* Randolph 55
Pemberton, F. A., 1*S.* Craigie 401
Penhallow, C. S., 4*C.* 24 Holyoke
Penhallow, D. P., 1*M.* (also 4*S.*) W. 50
Pennell, W. A., 3*C.* 29 Blake
Percival, L. F., 3*C.* Dunster 17
Pereles, N., 3*C.* W. 42
Perine, F. A., 3*C.* 30 Mt. Auburn
Perkins, A. F., 2*Dn.* Brockton
Perkins, A. H., *sC.* 96 Prescott
Perkins, C. Elliott, 3*C.* Claverly 49
PERKINS, C. ERNEST, *Instr.* [32] Brockton
Perkins, C. L., 4*C.* 28 Plympton
Perkins, E. N., 2*C.* Fairfax 19
Perkins, E. W., *sL.* Craigie 304
Perkins, J. F., 3*L.* H'y 3
Perkins, M. F., 3*C.* P. 50
Perkins, M. G., 1*C.* 1134 Mass. Ave.
Perkins, P., 2*C.* M. 44
Perkins, P. B., 4*C.* 1709 Cambridge
PERKINS, T. N., *Gr. Member Athletic Comm.* [657] 60 State*
Perrin, J. G., 3*C.* 22 Mt. Auburn
Perry, A., 1*C.* Hampden 40

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Perry, G. B., 4*C.* Russell 17
Perry, H. C., *sC.* C't 2
PERRY, H. J., *Asst.* [29] 636 Beacon*
Perry, J. P. H., 4*S.* M. 25
PERRY, R. B., *Instr.* [20] Dana 37
Perry, T., 4*C.* H'y 16
Perry, W. G., 2*C.* Apthorp 2
Perry, W. H., 1*Dn.* W. Somer.
Perry, W. I., 1*L.* 23 Mellen
Persons, C. G., 4*S.* 231 Norfolk
Persons, W. F., 1*L.* 4 Gorham
PETERS, A. W., *Austin T. F.* [21] (also 3*G.*) W. Somer.
Peters, G. A., 1*S.* 20 Howland
Peters, G. Q., 1*C.* P. 42
Petersen, E. D., 3*C.* Dunster 50
Petersen, J. C., 2*C.* 61 Oxford
Peterson, A., 3*C.* G. 20
Peterson, F. C., 3*Dn.* 44 Princeton, E.*
Pettebone, L. A., 2*S.* Randolph 51
Pettengill, G. I., 1*C.* Brighton
Pettingell, C. I., 2*L.* S. 8
Pétursson, R., *grDv.* 16 Howland
Pevear, E. C., *sS.* Ware 16
Peyser, S. M., 1*C.* W. 3
PFAFF, F., *Asst. Prof.* [12] 871 Boylston*
Phelps, J. R., 4*M.* Harv. Med. Sch.*
Phelps, W. D., 1*Dn.* 988 Mass. Ave.
Phemister, N. A., 4*C.* T. 37
Philbrick, R. H., 3*M.* W. Somer.
Philips, W. P., 1*G.* P. 63
Phillips, B., *sC.* 63 Gorham
Phillips, F. F., 3*C.* M. 22
Phillips, F. H., 1*Dn.* 109 Chandler*
Phillips, H. F., 3*C.* H. 29
Phillips, J. C., 3*M.* 299 Berkeley*
Phillips, W., 3*L.* Gnt. 8
Phillips, W. A., 2*C.* M. 4
Phillips, W. C., 3*C.* S. 19
Phippen, W. G., 3*M.* 93 Mt. Vernon*
Phipps, C., 4*C.* G. 4
Phipps, H. J., 4*S.* S. 10
PICKERING, E. C., *Prof.* and *Director of A. O.* [8] Observatory
PICKERING, W. H., *Asst. Prof.* [11] Observatory
Pickhardt, C. E., 3*C.* F. 13
Pieper, L. P., 4*C.* 849 4th, So.*
Pier, R., 4*C.* H'y 22
Pierce, A. H., 3*C.* 402 Boylston*
PIERCE, G. W., *Instr.* [19] H'ke 33
Pierce, R., 3*C.* 35 Bow
Pierce, R. E., 1*C.* Westmorly 103
Pierce, R. F., *sS.* 1727 Cambridge
Pierce, T. F., 1*C.* Westmorly 103
Pierpont, H. T., 1*C.* 9 Bow
Pike, C. E., 3*C.* Woburn
Pilcher, W. B. C., 2*L.* W. H. 9
Pillsbury, H. C., 1*M.* 123 St. Botolph*
Pingree, R. C., 1*C.* Shepherd 15
Piper, F. W., 2*C.* T. 31
Piper, W. B., 4*C.* H'y 4
Piper, W. T., 4*S.* P. 61
Pitkin, C. L., 1*C.* 53 Dunster
Pitkin, J. S., 4*C.* Dana 32
Pitkin, W. H., 1*L.* W. H. 8
Place, E. H., 3*M.* Harv. Med. Sch.*
Plaisted, J. W., 1*C.* P. 67
Platts, H. C., 1*C.* G. 14
Pleasanton, F. R., *sS.* C't 39
PLOWMAN, A. B., *Asst.* [23] 86 Hammond
Plumb, J. H., 1*C.* Claverly 51
Plummer, S., 3*C.* Russell 6
Poland, H. T., 4*C.* T. 14
Pollard, H. S., 1*G.* G. 39
Pomeroy, H. K., *sS.* 328 Harvard
Pomeroy, O. E., 2*C.* 1734 Cambridge
Pond, L. B., 1*M.* 32 Worcester
Pontasse, L. P., 1*C.* Weston
Poor, C. H., 1*C.* H'ke 38
Poor, F. H., 3*S.* Wadsworth 5
Poor, H. V., 2*L.* 60 Brattle
Poor, R. M., 1*C.* Apley 31
Poor, W. S., 2*C.* Little's 11
POPE, A., *Austin T. F.* [22] 54 Garden
POPE, A. W., *Clerk in Treasurer's Office* [33] 50 State*
Pope, C. M., 3*Dn.* 119 Devonshire*
PORTER, C. A., *Instr.* [28] 254 Beacon*
PORTER, C. B., *Prof.* [7] 5 Arlington*
Porter, C. W., 1*C.* Newton Low. Falls
Porter, E. L., 3*C.* D. 31
Porter, H. C., 3*G.* 54 Hammond
Porter, J. E., 4*C.* 1709 Cambridge
Porter, M. R., 1*C.* Drayton 16
Porter, R. B., 1*L.* 58 Hammond
PORTER, W. T., *Assoc. Prof.* [13] 19 Park Lane, Jam. Pl.
Post, A., *Instr.* [26] 16 Newbury*
Post, C. R., 3*C.* Beck 22
POTTER, A. C., *Asst. in Coll. Library* [16] Kennedy Ave.

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Potter, P. B. K., 1*C.* Everett 31
Potter, W. H., *Asst. Prof.* [11] 16 Arlington*
Pottinger, D. T., 1*C.* 15 Chelsea, E.*
Potts, R. T., 2*C.* Quincy 8
Poulterer, W. T., 1*S.* Felton 32
Powell, T. R., 2*L.* 14 Trowbridge Pl.
Powelson, J. A., 2*C.* H'ke 39
Poyen, J. S., 2*C.* Ware 39
Prado, C. da S., *sS.* Felton 29
Prall, H. G., 1*C.* 26 Mellen
Pratt, C. M., 3*L.* 68 Kirkland
Pratt, D. D., 1*M.* 483 Mass. Ave.*
Pratt, F. H., 2*M.* F. 14
Pratt, H. P., 2*C.* T. 57
Pratt, H. R., *sC.* Wellesley Hills
Pratt, H. W., 2*S.* P. 80
Pratt, J. H., *Asst.* [30] 143 Newbury*
Pratt, M. R., 3*C.* 3 Sumner
Pray, J. S., *Asst.* [22] 27 Everett
Preetorius, C. P., 3*C.* H. 11
Prentice, B. S., 2*C.* Westmorly 22
Prescott, B. F., 2*L.* 1750 Cambridge
Prescott, G. L., 2*C.* P. 6
Prescott, O. B., 4*C.* 28 Plympton
Prescott, W. H., *Asst.* [27] 285 Marlboro*
Pressey, M. B., 3*Dn.* Harv. Dn. Sch.*
Preston, H. F., 3*C.* W. 32
Preston, J. F., 1*S.* Union Square Hotel, Somer.
Preston, S. D., 1*C.* Randolph 3
Price, W. H., 2*G.* 87 Hammond
Pringle, C. G., *Botanical Collector* [22] Charlotte, Vt.
Pritchard, H. W., 3*C.* Prescott 9
Pritchard, R. A., 1*L.* 96 Prescott
Proal, P. A., 1*S.* Randolph 47
Procter, J. O., 2*L.* 62 Brattle
Proctor, C. D., 1*C.* 18 Prescott
Proctor, G. W., 1*C.* 16 Oxford
Proctor, T. M., 2*M.* Wrentham
Proudfoot, A. S., 4*S.* 1491 Cambridge
Provan, W. F., 1*Dn.* Dor.
Provandie, P. H., *Asst.* [22] Melrose Highlands
Pruyn, D. H., 1*C.* M. 58
Pruyn, F. S., 1*C.* Claverly 7
Pruyn, J. E., 1*C.* M. 58
Pulsifer, L. V., 4*C.* 28 Plympton
Pultz, J. L., 1*G.* 10 Oxford
Pumpelly, R. W., 2*S.* Fairfax 26
Purcell, H. W., 2*S.* 654 Somerville Ave., Somer.
Putman, L. G., 3*C.* C. 69
Putnam, E. T., 3*S.* 10 Oxford
Putnam, F. D., 2*C.* 5 Linden
Putnam, F. W., *Prof.*, and *Curator of Peabody Mus.* [7] 1582 Mass. Ave.
Putnam, G. W., 4*C.* 64 Kirkland
Putnam, H., *Overseer* [5] Washington, D. C.
Putnam, J. J., *Prof.* [8] 106 Marlboro*
Putnam, R. F., 2*C.* Drayton 19

Qua, S. E., 2*L.* 48 Irving
Quackenboss, A., *Asst.* [27] 71 Newbury*
Quackenbush, H. S., 1*S.* 409 Broadway
Quigley, R. W., 1*L.* 82 Hammond
Quigley, W. A., 1*C.* Everett 32
Quintero, M. J., 2*Dn.* 56 W. Cedar*

Rabenold, E. M., 3*C.* 3 Sumner
Radovsky, D. R., 1*L.* C. 33
Rafferty, D. G., 1*S.* Hampden 50
Raggio, A. P., 2*G.* 46 Mt. Vernon
Rainsford, L. F., 3*C.* Russell 21
Rainsford, W. K., 2*C.* Russell 21
Ramsay, R. E., 2*Dv.* D. 35
Ramsay, W. B., *sC.* 1124 Mass. Ave.
Rand, E. K., *Instr.* [15] 104 Lake View Ave.
Rand, H. S., 1*B.* 1899 Mass. Ave.
Rand, H. W., *Instr.* [20] 89 Trowbridge
Rand, M. W., 1*L.* Clark R'd, B'kline
Rand, R. B., 1*S.* 421 Broadway
Randall, C. W., 2*C.* Craigie 205
Randolph, C. B., 2*G.* 17 Gray
Randolph, E., *sL.* Apley 34
Randolph, T. F., 2*S.* 35 Bow
Rankin, E. M., 3*G.* 32 Irving
Rankin, H. L., 3*C.* 1697 Cambridge
Ransom, W. R., *Instr.* [21] (also 2*G.*) Tufts College
Rathbun, C. S., 4*C.* 12 Kirkland Pl.
Rawson, J., 2*C.* Little's 30
Raymer, G. S., *Instr.* [11] 94 Brattle
Raymond, E., *sL.* 1388 Mass. Ave.
Raymond, E. F., 2*L.* 61 Oxford

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Raymond, L. H., 4*M.* Somer.
Read, C., 4*C.* W. 22
Read, C. S., 2*L.* C. 29
Read, H. T., 1*S.* P. 83
Read, H. W., 3*C.* H'y 4
READ, M. A., *Instr.* [19] 11 Wendell
Reagh, A. L., *gr M.* 688 Boylston*
Reardon, D. B., 4*M.* W. Quincy
Redman, A. P., 2*L.* 64 Kirkland
Reece, J., 1*C.* Claverly 10
Reed, A. F., 3*C.* 53 Rich, Waltham
Reed, C., 2*M.* 12 Gloucester*
Reed, C. H., 1*Dn.* 374 Columbus Ave.*
Reed, C. R., 1*C.* 217 Salem, Malden
Reed, L. B., 4*C.* G. 47
Reed, M., 3*L.* 12 Gloucester*
Reed, P. S., 1*C.* 30 Holyoke
REED, T. H., *Asst.* [23] (also 2*L.*) H. 16
Reed, W. G., 1*C.* Everett 57
REED, W. H., *Instr.* [21] (also 5*G.*) Rox.
Rees, B. J., 4*C.* Felton 21
Reese, C. A., 1*M.* Newton Highlands
Reeves, J. A., 2*C.* 21 Hews
Reggio, A. N., 1*S.* Dana 38
Rehn, V. L., 1*L.* 419 Broadway
Reid, W. D., 1*C.* Newton
Reilly, L. B., 1*S.* 71 Townsend, Rox.
Remick, J. A., 1*C.* Westmorly 105
Remick, T. G., 2*G.* 29 Ellsworth Ave.
Rémy, V. A., 1*L.* 102 Mt. Auburn
Renn, W. B., 4*C.* H'y 17
Reppy, R. V., 1*L.* 58 Kirkland
Reuter, L. H., 3*C.* C. 16
Reynolds, D., 1*L.* Winthrop 13
REYNOLDS, F. W., *Instr.* [20] (also 3*G.*) Felton 12
Rham, F. F. de, 2*C.* Westmorly 106
Rham, H. C. de, 3*C.* Randolph 17
Rice, A. G., 2*M.* 206 Mass. Ave.*
Rice, A. H., 4*M.* 389 Beacon*
Rice, A. N., 2*L.* 389 Beacon*
Rice, A. P., 2*C.* T. 8
Rice, A. W., 2*C.* Apley 32
Rice, C. T., 3*S.* 1654 Mass. Ave.
Rice, F. E., 4*S.* 54 Dunster
Rice, G. A., 2*C.* P. 76
Rice, J. A., 3*C.* Beck 2
Rice, R. A., 2*G.* M. 40
Rice, W. C., 1*G.* 1697 Cambridge
Rich, F. E., 3*C.* M. 12
Rich, I. L., 1*L.* 2 Walker Ter.
RICHARDS, ALBIN L., *Instr.* [21] (also 3*L.*) 22 Bigelow
Richards, Augustus L., 4*C.* G. 36
Richards, E. B., 4*C.* 1132 Mass. Ave.
Richards, E. M., 1*C.* Randolph 11
Richards, H. M., 2*C.* Craigie 404
Richards, J. M., 3*C.* 52 Plympton
RICHARDS, T. W., *Prof.* [13] 15 Follen
Richardson, E. P., 1*M.* 224 Beacon*
Richardson, F. L., 4*M.* Concord
Richardson, G. B., 2*S.* P. 1
Richardson, G. E., 1*C.* 1691 Cambridge
Richardson, L. G., 1*C.* 18 Prescott
RICHARDSON, M. H., *Assoc. Prof.* [10] 224 Beacon*
RICHARDSON, W. L., *Prof.* and *Dean of Faculty of Medicine*, and *Dean of Medical Sch.* [8] 225 Commonwealth Ave.*
Richardson, W. M., 3*S.* 7 Sumner
Richberg, D. R., 2*L.* 14 Oxford
Richmond, F. M., 2*M.* Everett
Richmond, H. M., 2*L.* 19 Irving
Richmond, W. C., 1*S.* 36 Mt. Auburn
Richter, T. B., 4*C.* 1750 Cambridge
Rideout, H. E., 2*S.* 39 Austin
RIDEOUT, H. M., *Instr.* [21] Felton 24
Riemann, P. E., 3*L.* C. 27
Riemer, H. B. C., 3*M.* Norwood
Riggs, F. B., 4*C.* Apthorp 4
Riggs, J. U., *gr M.* 688 Boylston*
Riggs, O. M., 3*S.* 63 Gorham
Riggs, P. S., 1*L.* 28 Mellen
Riggs, S. W., 1*G.* C. 38
Riker, H. L., 4*C.* Claverly 1
Riley, W. J., 2*C.* T. 25
Rinehart, J. B. G., 3*L.* S. 24
RIPLEY, W. Z., *Prof.* [14] Newton Centre
Risley, A. L., 1*S.* P. 51
Risley, E. H., 1*M.* 37 St. Botolph*
Ritter, W., 2*Dn.* Somer.
Rivers, H. F., 3*C.* 56 Mt. Auburn
Rivers, R. W., 2*C.* 1010 Mass. Ave.
Rivinus, F. M., 3*C.* W. 41
Robbins, C., 3*M.* Weston
Robbins, E. B., 1*S.* Craigie 204
Robbins, H. R., 3*C.* C. 20
Robbins, I. D., 3*S.* 16 Lynde*
Robbins, R. H., 2*C.* Quincy 6
Robbins, R. W., 1*L.* M. 16
Robbins, W. B., 3*M.* Weston

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Roberts, A. W., 1*C.* 10 Appian Way
Roberts, D., 1*S.* 20 Prescott
Roberts, E. B., 4*C.* 6 Holyoke Pl.
ROBERTS, F. M., *Asst.* [23] (also 3*L.*) 41 Sacramento
ROBERTS, G. H., *Asst.* [23] (also 3*G.*) 64 Highland Ave.
Roberts, H. K., 2*S.* 176 Lafayette, Salem
Roberts, P., 1*L.* Dana 43
Roberts, S. L., 2*C.* Russell 15
Roberts, S. W., 1*C.* W. Somer.
Roberts, T. D., 4*C.* Hampden 38
Robeson, A., 3*C.* 6 Holyoke Pl.
Robeson, R., 2*C.* Westmorly 141
ROBEY, W. H., *Asst.* [29] 442 Warren*
ROBINETTE, J. H., *Asst.* [32] Jam. Pl.
Robins, K. N., 3*C.* C't 9
Robinson, A., 1*C.* Claverly 21
Robinson, A. H., *sDv.* D. 39
Robinson, A. P., 2*C.* 36 Mt. Auburn
ROBINSON, B. L., *Prof.*, and *Curator of Herbarium* [13] 42 Shepard
Robinson, C. H., 3*C.* Russell 9
Robinson, D., 2*M.* 341 Columbia
ROBINSON, F. N., *Asst. Prof.* [14] Longfellow P'k
Robinson, G., 1*S.* 469 Broadway
Robinson, G. H., 2*C.* 12 Kirkland Pl.
ROBINSON, G. W., *Asst. to Dean of Grad. Sch.* [17] U. 10
Robinson, J. R., *sL.* 12 Oxford
Robinson, J. T., *sC.* 43 Irving
Robinson, P. B., 4*C.* Fairfax 22
Robinson, R. H., 3*Dn.* Ch's'n
Robinson, T. D., 2*C.* Claverly 12
Robinson, W. B., *sL.* 1689 Cambridge
Robjent, A. C., 2*C.* 42 Wendell
Rochefort, W. T., 3*C.* C. 28
Rochette, E. C., 4*M.* Beacon Chamb.*
Rockwell, L. D., 1*C.* P. 30
Rockwell, W. M., 4*C.* Craigie 501
Rockwood, P. C., 1*C.* Belmont
RODGERS, C. W., *Asst.* [31] Dor.
Rodman, F. C., 2*S.* 7 Wyoming, Rox.
ROEVER, W. H., *Instr.* [20] 45 Trowbridge
Roff, A. A., 3*C.* Westmorly 26
ROGERS, D. C., *Asst.* [23] (also 2*G.*) 92 Wendell
Rogers, J. C., 3*M.* 381 Dorchester*
Rogers, J. J., 3*C.* Randolph 37
Rogers, J. L., 2*S.* 10 Ellsworth Ave.
Rogers, J. M., 3*Dn.* 21 Linwood, Rox.
Rogers, L. A., 2*L.* Jam. Pl.
Rogers, M. H., 3*M.* Allston
Rogers, W. B., 3*Dn.* Hoffman House*
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Rollins, A., 2*S.* Beck 6
Rollins, A. M., 1*L.* 1734 Cambridge
Rollins, D. A., 2*L.* 48 Irving
Rollo, W. E., *sC.* 57 Brattle
Ronimus, A. D., *sC.* Read's 30
Roosevelt, F. D., 3*C.* Westmorly 27
ROPES, J. H., *Asst. Prof.* [14] 13 Follen
Rose, F. D., 2*C.* Ware 55
ROSE, P. LA, *Proctor*, [24] Apley 1
Rosenberg, H. M., *sC.* Craigie 506
Rosenberg, J. G., 3*L.* 23 Irving
Rosenfeld, A. H., 3*L.* 1105 Mass. Ave.
Rosensohn, S. J., 1*L.* 35½ Brattle
Rosenthal, A., 3*C.* 34 Parker
Ross, D. W., *Lectr.* [10] 24 Craigie
Ross, G. W. C., 2*L.* 42 Kirkland
Ross, H. W., 3*Dn.* 1556 Cambridge
Ross, J. S., 1*L.* 41 Wendell
Ross, L., 3*C.* 896 Mass. Ave.
Ross, W., 3*M.* Harv. Med. Sch.*
Rossiter, K., *sS.* 378 Harvard
Rotch, A. G., 4*C.* Russell 11
ROTCH, A. L., *Asst.* [13] Blue Hill Observatory, Hyde P'k
ROTCH, T. M., *Prof.* [9] 197 Commonwealth Ave.*
Roth, E., *sS.* Craigie 506
Rothenberg, W., 2*C.* 1124 Mass. Ave.
Rothermel, P. F., 2*C.* Westmorly 122
Rothwell, J. M., 2*C.* Hampden 23
Roughan, G. F., 3*C.* Craigie 203
Rouse, J. E., 4*G.* 15 Mellen
Rousmaniere, J. E., 3*L.* Manter 3
Rowe, B. J., 2*S.* Ware 22
Rowe, E. P., 2*S.* Apley 21
Rowland, H. H., 1*C.* C. 46
Rowley, C. F., 2*C.* Craigie 404
Rowley, H. E., 1*C.* Craigie 404
Rowley, J. C., 1*M.* 80 Mason Terrace, B'kline
Royce, C., 3*G.* 103 Irving
ROYCE, J., *Prof.* [10] 103 Irving
Ruby, H. O., 2*C.* C't 18
Ruess, C. G., 3*Dv.* D. 9
Rugg, G., 1*G.* 364 Harvard

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Ruhl, R. W., 3*S.* H. 1
Ruhl, W. T., 4*C.* 24 Holyoke
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Russe, F. W., *Asst.* [24] (also 1*G.*) 54 Mt. Auburn
Russell, C. B., 3*M.* Randolph
Russell, F., *Instr.* [15] 10 Bellevue Ave.
Russell, J. H., 3*Dn.* Providence, R.I.
Russell, J. W., 1*C.* 6 Sacramento
Russell, W. B., 2*C.* D. 2
Russell, U. C., 2*Dn.* Beacon Chamb.*
Russell, W. L., 3*C.* Arlington
Rust, E. C., 3*C.* 6 Holyoke Pl.
Ruston, W. D., 2*M.* W. Somer.
Ryder, A. W., *Instr.* [20] P. 72
Ryder, C. T., 1*C.* P. 16
Ryder, G. B., 4*C.* H'ke 13
Ryder, W. V., 1*Dn.* Everett

Sabine, P. E., 4*C.* 378 Harvard
Sabine, W., 1*C.* 5 Linden
Sabine, W. C., *Asst. Prof.* [13] 46 Shepard
Sablotzky, H., 2*C.* 1750 Cambridge
Sachs, W. E., 3*C.* W. 8
Sadler, R. A., 3*C.* Craigie 201
Saeger, W. C., 2*C.* Ware 45
Safford, J. O., 2*C.* 56 Plympton
Sage, H. A., 1*L.* Russell 26
Saint Gaudens, H., 4*C.* Craigie 206
Salmon, E. L., 2*M.* Southboro'
Salomon, S. H., 1*L.* 47A Wendell
Saltus, R. S., 3*G.* (also *B.*) Harvard Union
Salvio, A. de, 2*G.* 92 Wendell
Sampliner, M. L., *sS.* 43 Irving
Sampson, E. F., 2*S.* 957 Washington, Newtonville
Sampson, H. C., 1*G.* 30 Wendell
Sampson, H. LeB., 2*L.* H'ke 12
Sampson, W. F., 1*S.* 957 Washington, Newtonville
Samuels, B., 3*L.* 1750 Cambridge
Sanborn, C. A. R., 2*C.* Somer.
Sanborn, H. B., 1*M.* 238 Devonshire*
Sanders, A. D., 1*L.* P. 2
Sanders, T., 2*S.* Westmorly 146
Sands, W. J., *sC.* 55 Frost
Sanford, A. J., *sS.* P. 75
Sanger, C. R., *Asst. Prof.* [12] 103 Walker
Sanger, G. E., 4*M.* Watertown
Sanger, R., 2*C.* Claverly 30
Sanger, W. P., *sS.* Westmorly 148
Santayana, G., *Asst. Prof.* [13] 60 Brattle
Sard, R. E., 2*C.* Westmorly 106
Sargeant, E. E., 3*L.* S. 25
Sargent, C. S., *Prof.*, and *Director of Arnold Arboretum* [7] Jam. Pl.
Sargent, D. A., *Director of Hemenway Gymnasium*, [10] 27 Everett
Sargent, I. W., 3*L.* 1648 Mass. Ave.
Sargent, L., 2*C.* T. 36
Sargent, O. F. L., *grM.* 688 Boylston*
Sargent, W. D., 2*S.* Hampden 34
Sargent, W. L., 4*M.* 16 Elm, Quincy
Saunders, A. L., 1*L.* 48 Irving
Saunders, D. G., *sS.* 20 Prescott
Saunderson, H. H., 3*G.* Dor.
Sausser, D. A., *sL.* 41A Irving
Sauveur, A., *Asst. Prof.* [14] 20 Elmwood Ave.
Savage, T. F., 1*C.* H'ke 22
Savary, C. P., 2*C.* C. 53
Saville, R. L., 1*G.* 1697 Cambridge
Sawtell, F. M., 1*L.* Randolph 19
Sawyer, E. M., 1*S.* W. H. 2
Sawyer, F. H., 1*C.* Brighton
Sawyer, H. B., 1*C.* Hampden 30
Sawyer, R. W., 1*L.* W. H. 2
Sawyer, W. A., 1*M.* 75 Pearl, Somer.
Sawyer, W. P., 2*C.* 12 Kirkland Pl.
Sayler, J. A., 1*L.* Winthrop 1
Sayles, R. W., 4*C.* 397 Marlboro*
Schaefer, A. A., 1*C.* T. 40
Schefer, A. H., 4*C.* Claverly 27
Scheffy, C. C., 4*C.* H'y 16
Scheuber, F. B., 1*S.* 64 Commonwealth Ave.*
Schick, W. A., 2*C.* T. 16
Schlesinger, A. A., 1*S.* Dunster 25
Schlesinger, E., 3*L.* Ware 12
Schmidt, W. H., 1*C.* 1734 Cambridge
Schoellkopf, H., 1*L.* Everett 27
Schoenfuss, A. J., *Asst.* [24] Jam. Pl.
Schoenfuss, F. H., 3*C.* Jam. Pl.
Schoff, L. H., 3*C.* G. 30
Schofield, W. H., *Asst. Prof.* [14] Claverly 23
Scholl, G. D., 1*S.* 10 Appian Way
Schoyer, W. E., 3*L.* Winthrop 19
Schrader, F. W. von, 1*C.* Little's 8
Schultz, T. S., 3*L.* Winthrop 11

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Schurr, H. W., 2*C.* G. 29
Schwab, A., 3*C.* M. 13
Schwartz, J. L., 1*C.* W. 28
Schwarz, H. F., 3*C.* Westmorly 26
Schwarzenberg, E. F., 1*C.* 81 Westland Ave.*
Scott, C., 3*C.* 24 Holyoke
Scott, C. P., 1*S.* H'ke 44
Scott, F. A., 4*C.* C. 30
Scott, J. A., 2*C.* T. 6
Scott, L. A., 2*S.* 63 Gorham
Scovell, C. H., *Proctor* [25] (also 4*C.*) G. 43
Scoville, H., 2*L.* Craigie 302
Scudder, C. L., *Asst.* [27] 189 Beacon*
Scully, A. M., 2*C.* 31 Bow
Seabury, J. S., *sC.* Craigie 104
Searle, A., *Prof.* [7] 41 Concord Ave.
Sears, F. B., 1*C.* Westmorly 36
Sears, G. G., *Asst. Prof.* [12] 19 Marlboro*
Sears, J. M., 2*L.* Beck 31
Sears, J. T., 4*C.* Craigie 201
Sears, T. W., 4*C.* Little's 23
Seasongood, M., 3*L.* M. 17
Seaver, C., 4*S.* 262 Franklin
Seaver, E. P., *Overseer* [5] Waban
Seaver, E. P., Jr., 3*M.* Waban
Seaver, H. L., 1*G.* 39 Allston, Dor.
Seavey, W. A., 2*L.* P. 35
Seay, F., *sDv.* D. 6
Sebring, H. O., 3*C.* W. H. 14
Sedgwick, H. R., *sC.* Randolph 34
Sedgwick, M. R., 1*G.* 16 Mellen
Sedgwick, R., 4*C.* Randolph 34
Sedman, J. E., 4*C.* Read's 20
Seiberth, P., *Instr.* [21] (also 1*G.*) 67 Oxford
Seiffert, O. H., 1*C.* S. 23
Senior, R. M., 4*C.* M. 34
Serviss, S. B, *Asst.* [24] (also 1*G.*) T. 34
Severance, E. K., 4*C.* H. 17
Severance, W. E., 4*G.* Braintree
Seymour, A. B., *Asst.* [22] U. M.
Seymour, F. W., 3*M.* Trinity C't*
Seymour, M., 3*M.* Trinity C't*
Shaffer, H. S., 1*L.* 42 Wendell
Shaffer, P. A., 2*G.* Waverley
Shaler, N. S., *Prof.*, and *Dean of the L.S.S.* [7] 25 Quincy
Shanahan, T. J., 2*M.* Ch's'n
Shanks, C., 4*M.* 13 Ellsworth Ave.
Shannon, H. C., 4*C.* 58 Hammond
Shannon, P. H., *sC.* Jam. Pl.
Sharon, A. H., 1*C.* 16 Oxford
Sharp, J. A., 2*C.* W. 26
Sharpe, W. J. C., 2*C.* D. 40
Shattuck, F. C., *Prof.* [8] 135 Marlboro*
Shattuck, G. C., 2*M.* 135 Marlboro*
Shattuck, H. L., 2*L.* 10 Oxford
Shaughnessy, C. S., *Instr.* [32] Ashland
Shaughnessy, T. E., 1*C.* Concord Junction
Shaw, H. C., 2*L.* 17 Forest
Shaw, H. S., 1*C.* Fairfax 42
Shaw, J. D., *sS.* 4 Fayston, Rox.
Shaw, J. M., *sS.* Manter 8
Shaw, M. A., 2*G.* D. 22
Shaw, T. L., 2*C.* Westmorly 41
Shea, C. A., 2*C.* Everett 22
Shea, J. B., *sS.* 198 High, B'kline
Shea, W. F., 1*C.* F. 9
Sheahan, G. M., 1*M.* Quincy
Shean, M. E., 1*M.* Belmont
Shearer, A. H., *Asst.* [23] (also 4*G.*) 66 Kirkland
Shedd, A. E., 3*B.* Somer.
Shedd, G. H., 2*C.* W. 15
Sheehan, J. J., 1*C.* 98 Walden
Sheffer, H., 2*C.* C. 47
Shelby, S. R., 3*L.* 61 Oxford
Sheldon, E. L., 1*C.* C. 64
Sheldon, E. S., *Prof.* [10] 11 Francis Ave.
Sheldon, P. E., 3*C.* M. 1
Sheldon, R. H., 1*S.* N. Chelmsford
Sheldon, T., 2*C.* Quincy 5
Shepard, F. S., 4*S.* T. 8
Shepard, O. N., 1*C.* Hampden 40
Shepard, R. A., 1*C.* 25 Holyoke
Sherburne, E. H., 1*S.* Hampden 46
Sherburne, K., 4*S.* 62 Brattle
Sherlock, E. F., 2*C.* 36 G, So.*
Sherman, A. B., 3*C.* W. H. 8
Sherman, B. F., 2*C.* Hotel Berkeley*
Sherman, H. B., 3*C.* W. H. 8
Sherwin, E. G., 1*C.* C. 64
Shields, M. L., 3*C.* Little's 17
Shipman, H. R., *Asst.* [23] (also 3*G.*) 54 Garden
Shipman, R. D., 2*C.* Beck 27
Shirk, F. E., *sS.* M. 11
Shohl, W. M., 1*C.* T. 26

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Shoninger, L. S., 3*M.* Trinity C't*
Shorey, G. N., 3*L.* H. 12
Shuebruk, W., 2*L.* G. 2
Shurtleff, A. A., *Instr.* [20] 9 W. Cedar*
Shurtleff, H. F., 1*C.* 45 Brewster
Shurtleff, H. R., 1*C.* Craigie 507
Sibley, B. E., 2*M.* 206 Mass. Ave.*
Sibley, H. A., 2*M.* 571 Wash., Dor.
Sicha, F. J., 1*C.* C. 3
Sicher, S. A., 2*C.* Little's 19
Siddall, J., *sS.* 3 Glenvale Ter., Jam. Pl.
Sills, K. C. M., *Asst.* [24] (also 2*G.*) W. 35
Silver, J. H., 1*C.* W. H. 35
Silver, L. G., 2*C.* W. H. 35
Silverman, L. L., 2*C.* 85 Porter, E.*
Silverman, M., *sS.* 7 Marcella
Silverman, N. L., 3*C.* 12 Worcester Sq.*
Silverman, P., *sS.* 7 Marcella
Silverman, P. E., 2*C.* 12 Worcester Sq.*
Silvius, R. A., 1*L.* 28 Mellen
Simard, N. O., 1*C.* P. 67
Simmons, A. A., 2*C.* 47 Brattle
Simon, A. P., 2*C.* P. 87
Simpson, F. P., 3*Dn.* 123 W. Newton*
Simpson, T. M., 1*C.* 84 Carver*
Simpson, T. W., 2*C.* C. 23
Skelly, R. D., 3*C.* W. 36
Skene, H. V., 1*S.* 515 Broadw'y, So.*
Skillen, J., *Janitor Med. School.* Harv. Med. Sch.*
Skilton, S. H., 1*S.* Hampden 44
Skinner, M. M., *Instr.* [19] H'ke 7
Skinner, R. B., 2*C.* 25 Sagamore, Dor.
Skinner, R. W., 1*C.* 28 Holyoke
Slack, F. M., *Libr. Em.* [639] 10 Wendell
Slattery, J. H., 2*L.* Providence, R.I.
Slizack, J. J., 2*C.* C. 33
Sloan, T. D., 1*C.* W. 23
Small, A. E., 2*C.* Melrose
Small, W. H., 2*C.* 82 Pearl, Ch's'n
Smidt, A. C. L., 1*C.* 9 DeWolfe
Smiley, C. N., 1*G.* 67 Avon, Somer.
Smith, A., 2*S.* W. I. 61
Smith, A. H., 3*C.* 473 Broadway
Smith, A. J., 3*L.* 15 Arlington*
Smith, A. T., 2*L.* 1208 Mass. Ave.
Smith, Alfred W., 2*C.* Dor.
Smith, Alpheus W., 1*G.* 2 Gorham
[Smith, C. L., *Prof.*] [7] 64 Sparks
Smith, C. M., *Asst.* [28] 15 Charles*
Smith, C. T., 2*L.* C. 60
Smith, E. C., 3*C.* T. 22
Smith, E. E., 1*G.* Foxboro
Smith, E. H., *Prof. Dn.* and *Dean of Dental Sch.* [9] 283 Dartmouth*
Smith, E. L., 2*C.* Wadsworth 14
Smith, Edward N., 4*C.* Dunster 43
Smith, Eliot N., 3*S.* 42 Wendell
Smith, E. W., 2*L.* Winthrop 28
Smith, F. M., 2*C.* H'ke 4
Smith, F. V., 1*L.* 473 Broadway
Smith, G., *Austin T. F.* [21] (also 2*G.*) 19 Ellsworth Ave.
Smith, G. G., 2*C.* C. 32
Smith, G. K., 2*C.* 416 Marlboro*
Smith, Henman B., 1*L.* 16 Oxford
Smith, Homer B., 4*M.* 73 Pinckney*
Smith, Harold C., 3*S.* 54 Hammond
Smith, Henry C., *Asst.* [31] 688 Boylston*
Smith, Harry L., *sS.* 21 Hovey Ave.
Smith, Hervey L., 4*M.* 379 Columbus Ave.*
Smith, H. O., 4*C.* 1134 Mass. Ave.
Smith, H. W., 1*C.* 34 Linnaean
Smith, J., *Prof.* [7] 4 Berkeley
Smith, J. F., 2*S.* S. 26
Smith, J. J., *sC.* 228 Bennington, E.*
Smith, K., 2*C.* M. 54
Smith, K. K., 3*C.* M. 54
Smith, L., 2*S.* Read's 10
Smith, L. G., 3*G.* Rox.
Smith, M. H., 4*C.* Craigie 205
Smith, O. S., 1*Dn.* Malden
Smith, Paul S., 1*G.* Wadsworth 15
Smith, Philip S., *Austin T. F.* [21] 54 Concord Ave.
Smith, R. L., 1*C.* 41 Dana
Smith, S., 1*L.* Winthrop 1
Smith, S. B., 1*C.* 1727 Cambridge
Smith, S. C., 4*C.* Russell 18
Smith, S. McK., *sS.* T. 48
Smith, T., *Prof.* [12] Forest Hills
Smith, T. H., 2*C.* M. 29
Smith, T. P., 2*C.* M. 56
Smith, V. H., 3*L.* P. 54
Smith, W. D., 3*C.* 30 Irving
Smith, W. E., 4*S.* C. 53
Smith, W. H., *Asst.* [29] 479 Beacon*
Smith, W. R., 1*G.* 5 Appian Way
Smither, R. N., 1*S.* Drayton 10

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Smyth, H. L., *Prof.* [12] 9 Buckingham
Smyth, H. W., *Prof.* [11] 91 Walker
Smyth, P. S., 3*M.* 1979 Mass. Ave.
Snedeker, K., 1*C.* T. 40
Snell, E. F., *sC.* W. Newton
Snively, C. S., 3*L.* 1750 Cambridge
Snow, F. W., 2*C.* 30½ Shepard
Snow, G. P., 3*C.* Claverly 32
Snow, H. H., 1*C.* W. H. 39
Snow, L. F., 2*G.* W. Newton
Snow, W. B., *Instr.* [18] Eng. High Sch.*
Snowman, L. E., 3*C.* 32 Sewall, Somer.
Snyder, A. T., *sL.* 18 Ellery
Snyder, H. R., 2*C.* 18 Ellery
Sokoll, J. P., 1*C.* 378 Broadway
Somers, L. D., 4*S.* 54 Dunster
Soule, A. W., 1*C.* Dana 29
Soule, L. P., 1*C.* 22 Mt. Auburn
Soule, W., 1*C.* Dana 29
South, G. W., 4*C.* Fairfax 23
Southard, L. K., 2*C.* W. 34
Souther, C. W., 1*S.* Westmorly 101
Souther, D. W., 1*S.* Westmorly 101
Souther, J. G., 4*C.* Apthorp 6
Souther, T. B., 3*C.* 5 Linden
Southgate, A. W., 2*M.* 127 St. Botolph*
Southworth, A. T., 4*C.* G. 13
Southworth, S. B., 1*L.* 42 Wendell
Soutter, J. T., 2*S.* Randolph 21
Spalding, F. M., *Asst.* [29] 665 Boylston*
Spalding, H. D., *sS.* Milton
Spalding, R. A., 2*L.* Winthrop 7
Spalding, W. R., *Asst. Prof.* [13] 5 Berkeley Pl.
Spare, C. V., 2*C.* 40 Irving
Sparrow, E. H., 1*M.* 326 Harvard
Spaulding, E. L., 3*G.* W. Somer.
Spaulding, H. G., 3*L.* 43 Irving
Spaulding, R. H., 2*S.* 57 Chandler, W. Somer.
Spear, L. M., 3*M.* 93 Mt. Vernon*
Spencer, F. A., 1*C.* 3 Sumner
Spencer, H. G., *sC.* 54 Dunster
Spencer, T. G., 1*C.* Beck 42
Spencer, W. A., 1*C.* 2 Craigie
Sperry, E. C., 2*C.* M. 41
Sperry, R. E., 1*C.* W. 23
Spicer, G. T., 4*M.* 165 W. Brookline*
Spinden, H. J., 1*C.* 26 Mellen
Spinney, T. S., 2*C.* W. Rox.
Spooner, L. H., 4*C.* T. 37
Sprague, O. M. W., *Instr.* [15] S. 21
Sproul, A. C., 1*C.* Rox.
Squarebrigs, W. D., *Instr.* [31] 333 Commonwealth Ave.*
Squires, B. H., *sC.* 84 Wendell
Squires, C. W., 3*Dv.* 84 Wendell
Stack, J. O., 1*S.* Ware 5
Standish, M., *Instr.* [26] 6 St. James Ave.*
Stanhope, W. E., 1*Dn.* 487 Mass. Ave.*
Stanley, F. G., 3*M.* 10 Longwood Terrace*
Stanton, C. E., 1*G.* 41A Irving
Stanton, G. E., 1*C.* Drayton 18
Stanton, H. B., *Asst.* [23] (also 3*L.*) 29 Brimmer*
Stanton, J., 4*M.* 401 Putnam Ave.
Stanwood, P. C., 4*C.* Dana 35
Stanwood, R. R., 1*C.* Dana 45
Staples, C. H., 3*M.* Waltham
Staples, C. L., 2*C.* 1134 Mass. Ave.
Staples, P. C., 3*C.* Craigie 105
Stark, C. W., 4*S.* F. 5
Starratt, S. A., *sS.* 7 Howland
Starratt, W. H., *Instr.* [32] 175 Newbury*
Stearns, C. M., *Asst.* [22] M. 40
Stearns, R. S., 2*M.* 377 Columbus Ave.*
Steel, R., 1*L.* 54 Kirkland
Steele, G. G., 2*C.* Trinity 7
Steele, T. McB., 1*L.* 12 Oxford
Steere, L. R., 1*L.* Apley 2
Stephens, H., 2*C.* Dunster 42
Stephenson, B. K., 1*C.* Craigie 401
Stephenson, R. P., 1*L.* 49 Oxford
Stern, E. C., 2*L.* T. 4
Stern, H. M., 2*C.* W. H. 29
Stern, H. W. B., 1*L.* Craigie 201
Stetson, C., 3*L.* Winthrop 21
Stetson, F. W., *Asst.* [30] Dor.
Stetson, H. N., 4*S.* M. 25
Stetson, J. B., 1*C.* Hampden 22
Stettinius, J. L., 3*C.* Beck 47
Stevens, C. Abbott, 1*C.* Read's 16
Stevens, C. Ambrose, 2*C.* 49 Wendell
Stevens, C. E., 1*Dn.* B'kline
Stevens, E. A., 3*S.* 328 Harvard
Stevens, E. N., 4*C.* T. 51
Stevens, H. E. E., 2*M.* 506 Columbus Ave.*

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Stevens, H. P., 1*M.* 79 Raymond
Stevens, J. N., 2*C.* Ware 35
Stevenson, G., 1*S.* Drayton 10
Stevenson, G. S., 4*C.* H. 19
Stevenson, R. D., *sL.* 1593 Mass. Ave.
Stickney, M. E., 4*G.* P. 31
Stickney, W. W., 1*S.* H'ke 38
Stiles, A. G., *sL.* 40 Shepard
Stiles, H., 4*C.* 19 Mellen
Stillman, A., 4*C.* Russell 5
Stillman, E. B., 1*C.* P. 28
Stilwell, W. E., 2*L.* 15 Day
Stimson, F. J., *Lectr.* [18] 53 State*
Stinchfield, F. H., 1*L.* T. 33
Stockbridge, D. W., 2*C.* 1699 Cambridge
Stockton, H., 2*C.* 48 Mt. Auburn
Stockton, H. K., *Asst.* [24] (also 1*L.*) 13 Kirkland Pl.
Stoddard, A. H., *Lectr.* [31] 196 Marlboro*
Stoddard, C., 2*C.* 17 Hurlbut
Stoddard, H. B., 1*L.* Winthrop 2
Stoddard, T. L., 2*C.* Dana 28
Stoiber, E. L., 2*C.* C't 3
Stoltz, G. C., *sS.* 40 Kirkland
Stone, A. K., *Asst.* [27] 543 Boylston*
Stone, E. C., 3*C.* M. 60
Stone, E. H., 1*M.* W. 6
Stone, H. A., 3*Dn.* Somer.
Stone, H. L., *Asst.* [24] 91 Antrim
Stone, J. H., 3*C.* P. 73
Stone, J. L., 3*C.* G. 8
Stone, J. S., 2*C.* Claverly 48
Stone, L. A., 2*Dn.* Beacon Chamb.*
Stone, L. E., 2*C* W. 6
Stone, M. B., 4*C.* Claverly 1
Stone, M. C., 4*M.* 183 Warren Ave.*
Stone, R. B., 1*G.* 3 Sumner
Stone, R. E., 3*M.* 688 Boylston*
Stone, T. N., 4*M.* Wakefield
Stone, W. M., 3*S.* Waltham
Storer, F. H., *Prof. B.* and *Dean of Bussey Inst'n* [7] 476 Boylston*
Storer, M., *Asst.* [27], and *Curator of Coins in Coll. Libr.* 476 Boylston*
Storer, S. A., 3*C.* 16 Prescott
Storey, J. de R., 2*C.* W. 20
Storey, M., *Overseer* [4] 735 Exchange Bldg.*
Storey, R. E., 1*G.* 80 Hammond
Storey, T. A., 2*M.* 39 St. Germain*
Stork, C. W., 4*C.* W. H. 28
Storms, N., 1*C.* H'ke 48
Storrow, J. J., *Overseer* [4] 44 State*
Storrs, H. R., 2*M.* B'kline
Story, C. L., 1*G.* 69 Mt. Auburn
Story, I. F., 4*C.* C't 7
Story, W. E., 2*C.* 42 Holyoke
Stowe, L. B., 2*C.* Fairfax 46
Stowers, B. C., 1*C.* 40 Irving
Stratton, C. E., 4*C.* 24 Linnaean
Straus, H. N., 4*C.* Beck 26
Strauss, F., 1*C.* Craigie 102
Strauss, L., 1*C.* Ware 42
Strauss, M. I., 4*C.* C't 11
Strauss, M. J., 1*C.* F. 7
Strauss, S., 3*M.* Trinity C't*
Straw, H. E., 2*C.* Quincy 2
Streit, R. E., 4*S.* Ware 13
Strickland, A. H., 2*L.* 6 Story
[Strobel, E. H., *Prof. L.*] [11]
Strout, P. F., 4*C.* 5 Arnold Circle
Stuart, R. W., 3*C.* Quincy 3
Studley, H. F., 2*C.* P. 8
Stuhl, F., 1*Dn.* 827 Broadway, So.*
Stull, W. N., 2*G.* 47 Lowell, Somer.
Sturgeon, R. S., 3*L.* 47 Sacramento
Sturges, H. W., *sS.* C't 43
Sturgis, M. G., 4*M.* 379 Columbus Ave.*
Sturgis, R. C., 2*C.* 60 Mt. Auburn
Sturnick, M., 3*M.* Harv. Med. Sch.*
Sturtevant, A. M., *Austin T. F.* [21] (also 4*G.*) 111 Hammond
Sturtevant, M. E., 1*L.* T. 3
Sudduth, W. L., 1*L.* 16 Oxford
Sugden, W. S., 4*C.* Read's 28
Sullivan, C. B., 3*M.* Harv. Med. Sch.*
Sullivan, E. C., 4*M.* 58 St. Germain*
Sullivan, G. A., 2*C.* 62 Fayette
Sullivan, H. C., 2*L.* 30 Irving
Sullivan, H. J., *sC.* 5 Putnam, Ch's'n
Sullivan, J. J., *sC.* 34 Mt. Pleasant
Sullivan, J. J., 2*M.* 205 W. Newton*
Sullivan, J. T., *sC.* Ch's'n
Sullivan, M. A., *sL.* H. 26
Sullivan, M. F., 3*L.* S. 24
Sulloway, F. J., 2*C.* Fairfax 31
Sumichrast, F. C. de, *Assoc. Prof.* [8] 382 Commonwealth Ave.*
Summers, F. P., 1*C.* C't 35
Sumner, A. M., 3*C.* Beck 5
Sumner, L. W., 2*S.* 142 Mt. Auburn
Sumner, R. A., 3*Dn.* Hoffman House*

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Swaim, L. T., 2*C*. 52 Mt. Auburn
Swaim, R. D., 3*L*. H'y 19
Swain, C. O., 2*L*. 28 Spring, Malden
Swain, H. T., *Asst*. [29] 259 Beacon*
Swain, P. L., 2*C*. G. 9
Swan, A. E., 3*C*. C't 40
Swan, J. G., 1*L*. 41 Sacramento
Swan, T. W., 3*L*. Winthrop 30
Swan, W., 2*C*. Hampden 12
Swan, W. D., *Instr*. [19] 27 Everett
Swank, G. L., 3*C*. 1 Walker Terrace
Swarts, L. E, 4*C*. 69½ Mt. Auburn
Swartzel, K. D., 1*G*. 6 Kirkland R'd
Sweetser, F. E., 1*L*. Randolph 22
Swift, E., 4*C*. Craigie 501
Swift, F. H., 1*C*. Russell 19
Swift, J. B., 3*C*. Russell 8
Swift, L. F., 2*S*. 1697 Cambridge
Swift, R., 3*S*. 35 Bow
Swift, W. B., 1*M*. (also 4*S*.) Everett 47
Swiggett, D. W., 1*C*. 19 Ellsworth Ave.
Swindell, W. B., 2*L*. 15 Kirkland R'd
Switzer, G., 1*S*. Apley 41
Switzer, J. E., 3*C*. 20 Holyoke
Swope, H. M., 2*C*. M. 13
Sylvester, P. H., 1*M*. Newton Centre
Symonds, J. H. A., 2*L*. 50 Boylston

Taber, F. H.. 3*C*. Ware 49
Taft, E. A., 3*C*. Randolph 62
Taft, E. F., *Instr*. [31] 1306 Mass. Ave.
Taft, W. A., 1*S*. C't 33
Takaki S. I., 3*B*. 29 Sacramento
Takvorian, B. H., *sB*. 42 Thayer*
Talbot, F. B., 2*M*. B'kline
Talbot, J. E., 1*L*. 1750 Cambridge
Talbot, M. L., 1*C*. Hampden 6
Talmadge, F. C., 1*C*. Randolph 61
Talpey, A. H. E., 1*S*. P. 18
Talty F. E., 2*M*. 15 Rutland Sq.*
Taplin, C. F., 2*L*. 1599 Mass. Ave.
Tappin, H., 3*L*. 62 Brattle
Tarpey, W. J., 2*L*. Jam. Pl.
Tasheira, A. G., 3*L*. 12 Oxford
Tatlock, J. S. P., *Asst*. [22] (also 3*G*.) 11 Francis Ave.
Taussig, C. A., 1*L*. 12 Kirkland Pl.
[Taussig, F. W., *Prof*.] [11] J. S. Morgan & Co., London, Eng.
Taussig, K., 1*C*. 68 Mt. Auburn
Taylor, A. B., 3*C*. Randolph 31
Taylor, C. A., 1*L*. 65 Hammond
Taylor, E., 4*M*. 175 Mass. Ave.*
Taylor, E. H., 1*G*. 6 Ashton Pl.
Taylor, E. Willis, 2*S*. Everett 46
Taylor, E. Wyllys, *Instr*. [28] 416 Marlboro*
Taylor, F. C., 1*C*. Fairfax 43
Taylor, G. F., 3*S*. 16 Howland
Taylor, G. P., 2*S*. 10 Appian Way
Taylor, G. R., 4*C*. G. 37
Taylor, G. W., 2*C*. Russell 25
Taylor, H. A., 1*C*. Manter 8
Taylor, J. L., *Clerk in Bursar's Office* [33] Dane Hall
Taylor, J. W., 2*C*. 26 Mellen
Taylor, L. E., 7*G*. 16 Oxford
Taylor, R. H., 1*L*. 7 Sumner
Taylor, W. E., 4*S*. 20 Prescott
Taylor, W. N., 3*S*. Fairfax 21
Taylor, W. V., 3*L*. Winthrop 23
Templeton, E. G., 3*C*. G. 3
Tenney, J. F., 1*L*. Winthrop 9
Tenney, N. L., 4*C*. Read's 1
Tenney, W. F., 2*S*. 40 Kirkland
Terzieff, G. N., 2*C*. C. 37
Tew, J. D., 2*S*. Claverly 8
Thacher, H., 3*C*. Randolph 1
Thacher, W. H., 1*L*. H. 28
Thalmann, E. E., 1*C*. Dunster 51
Thanisch, R. J., 2*S*. 3305 Washington, Jam. Pl.
Thaxter, R., *Prof*. [12] 7 Scott
Thaxter, S. St. F., 3*C*. Ware 49
Thayer, A. A., 3*S*. T. 27
Thayer, A. L., *sC*. Craigie 403
Thayer, E. V. R., 3*C*. Claverly 26
Thayer, G. W., 1*C*. T. 68
Thayer, N. P., 2*M*. 27 Dartmouth*
Thayer, W. W., 1*C*. Russell 4
Thibault, L. H., 2*C*. 88 Mt. Auburn
Thieriot, F., 1*C*. 5 Linden
Thierry, L. S., 3*L*. 41 Crescent
Thomas, A. A., 2*L*. Winthrop 28
Thomas, B. L., *sS*. 47 Lowell, Somer.
Thomas, C. M. 1*Dn*. Malden
Thomas, J. C., 2*S*. 47 Lowell, Somer.
Thomas, J. D., 1*C*. Hampden 14
Thomas, R. B., 4*C*. 61 Gorham
Thomas, R. H., 2*C*. Apley 53
Thomas, S. E., 1*G*. H'ke 1
Thomas, T. G., 2*C*. Dunster 35
Thomas, T. Hasbrouck, 4*M*. 166 Cherry
Thomas, T. Head, 4*C*. 68 Mt. Auburn

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Thompson, B. J., 2*L.* 6 Sumner
Thompson, E. O., 1*S.* F. 10
Thompson, F. B., 1*L.* 44 Brattle
Thompson, H. S., *In charge of Adm. Exam.* [17] U. 4
Thompson, J. L., *sS.* T. 24
Thompson, J. M., 4*M.* 697 Columbia R'd, Dor.
Thompson, J. W. F., 2*C.* 25 Holyoke
Thompson, N. W., 2*C.* 55 Trowbridge
Thompson, T. J., 4*C.* 421 Broadway
Thompson, W. B., 1*M.* 754 Tremont*
Thompson, W. E., 4*C.* 87 Walker
Thompson, W. H., 3*C.* Craigie 106
Thompson, W. J., 4*G.* Newtonville
Thorndike, H. C., 2*L.* S. 30
Thorndike, J. R., 3*C.* Claverly 44
Thorndike, P., *Instr.* [27] 244 Marlboro*
Thorne, C. M., 2*L.* Gnt. 2
Thornton, A. P., 4*C.* Apthorp 12
Thornton, L. M., 2*C.* Ware 19
Thorvaldson, T., 4*S.* 10 Appian Way
Thurlow, E. K., 1*S.* 68 Kirkland
Thurlow, M. McI., 2*S.* Prescott 9
Thurman, I. N., 2*C.* D. 33
Thurman, S., 4*C.* D. 33
Thurston, A. S., 4*S.* Claverly 45
Tier, F. E., 1*L.* 13 Remington
Tilden, M., 2*C.* Randolph 49
Tilden, W. M., 2*C.* Randolph 49
Tilley, G. S., 4*C.* 61 Oak, Hyde Park
Tillinghast, A. R., *sS.* M. 5
Tillinghast, F. W., 1*L.* P. 44
Tillinghast, W. H., *Asst. Librarian* [16] 50 Garden
Tilney, N. L., 1*C.* Apley 42
Tilton, H. H., 2*C.* 16 Beach, Revere
Timmins, A. J., 1*C.* Craigie 203
Timmins, E. F., 3*M.* 487 B'way, So.*
Tingley, J. Q., 2*C.* Westmorly 3
Tirrell, C. E., 3*S.* P. 55
Tishler, B., 2*Dn.* 288 W. Canton*
Titcomb, S., 1*C.* W. H. 21
Titcomb, W. C., 3*C.* W. H. 21
Titus, R. S., 2*C.* Hampden 13
Tobey, G. L., 4*M.* W. 30
Tobey, J. W., 3*L.* 173 Newbury*
Tobin, F. I., *sS.* 1158 Mass. Ave.
Todd, A. S., 1*G.* 40 St. James, Rox.
Todd, O. J., 1*C.* 53 Dunster
Tolman, H., 4*M.* Newton
Tolman, S. A., 1*S.* P. 18
Tomkins, F. W., *Preacher* [18] Philadelphia, Pa.
Tomlinson, J. E., 4*C.* S. 3
Tompkins, P. T., 2*G.* 109 Hammond
Tonks, O. S., 5*G.* D. 41
Toohey, T., 3*Dn.* 109 Antrim
Toppan, R. L., 3*C.* Ware 7
Torossian, M. G., *sS.* G. 31
Torrey, J. H., 3*C.* W. H. 41
Tourian, K. G., 3*C.* 44 Brattle
Tower, B. C., 1*C.* Westmorly 146
Tower, G. H., 2*L.* 60 Brattle
Tower, W. S., 4*C.* C. 51
Towle, F., 1*C.* 67 Oxford
Towne, E. B., 1*C.* 5 Linden
Townsend, G. C., 1*C.* 1784 Cambridge
[Toy, C. H., *Prof.*] [7]
Tracy, D. W. B., 1*C.* Apley 43
Tracy, R. E., 1*C.* 16 Polk, Ch's'n
Train, A. H., 2*S.* 888 Mass. Ave.
Trainer, S. B., 3*C.* Drayton 11
Travis, A. C., 2*C.* Little's 5
Travis, F. E., 3*Dn.* Holliston
Travis, H. C., 1*M.* Newton
Travis, J. F., 1*G.* 66 Wendell
Trayes, W. H., 3*M.* 158 Newbury*
Trenholm, T. H., 2*C.* Mt. Auburn
Trieber, H. M., 1*C.* W. 18
Triggs, C. F., 1*Dn.* 1039 Mass. Ave.
Trimble, J. G., 1*M.* 46 Rutland Sq.*
Trott, E. P., *sS.* S. 12
Trout, E. E., 1*G.* 12 Kirkland Pl.
Trowbridge, E. K., 1*G.* 386 Commonwealth Ave.*
Trowbridge, J., *Prof.*, and *Director of Jefferson Phys. Lab.* [8] 58 Linnaean
Trueman, N. G., 4*M.* 45 Westland Ave.*
Tryon, A. W., 1*M.* 506 Columbus Ave.*
Tsanoff, V. A., 3*C.* 69½ Mt. Auburn
Tucker, H. G., 1*C.* T. 20
Tucker, J. R., *sL.* 90 Hammond
Tuckerman, J. A., 2*C.* Claverly 42
Tuckerman, J. W., 3*C.* W. 10
Tuckerman, W., 4*C.* Claverly 17
Tuckerman, W. R., 4*C.* Claverly 17
Tufts, I. E., 4*C.* T. 61
Tufts, P. H., *Asst. in Coll. Lib.* [16] Newtonville
Tufts, W. L., 3*C.* T. 9
Tupper, J. W., *Instr.* [19] Allston
Turner, A. P. L., 2*C.* 14 Sumner

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TURNER, F. W., *Asst*. [24] 11 Vincent
Turner, H. M., 1*C*. 10 Francis Ave.
Turner, S. E., 2*C*. H. 30
Tuttle, R. W., 3*S*. D. 19
Tweedie, T. M. M., 1*L*. 2 Carver
Twichell, C. L., 3*Dn*. Jam. Pl.
Twombly, G. C., 2*C*. Newton Centre
Twombly, J. W., 1*C*. B'kline
Tyler, G. F., 2*C*. Westmorly 133
Tyler, W. M., 4*M*. Lexington
Tyng, A., 3*C*. P. 29
Tyng, D., 1*G*. P. 29
Tyng, W., 2*C*. T. 25
TYZZER, E. E., *Austin T. F.* [31] 688 Boylston*

Underhill, R. I., 1*C*. H'ke 37
Updegraff, W. B., *sS*. 11 Howland
Upham, H. W., *sC*. Malden
Upton, G., *sS*. Westmorly 32
Usher, A. P., 3*C*. H. 21
UTTER, R. P., *Asst*. [22] Hyde Park

Valentine, W. R., 2*C*. 33 Brewster
Van Antwerp, G. T., 1*S*. Everett 23
Vandeventer, T. L., *sL*. 28 Wendell
Van Kleeck, W. L., 3*L*. 1689 Cambridge
Van Magness, F., 2*M*. Chelsea
Van Wagner, LeG., 1*M*. 469 Broadway
VANWIE, C. B., *Asst*. [22] (also 3*G*.) 148 Austin
Van Winkle, E. B., 3*S*. M. 43
VANWYCK, C. B., *Recorder Hem. Gym*. [655] Belmont
Van Wye, B. C., *sC*. D. 13
Varney, R. W., 3*S*. W. 37
Varrell, W. W., 1*C*. 5 Howland
Vaughan, C. L., 4*C*. 31 Pleasant
Vaughan, E. B., *sS*. T. 61
Veazey, I. P., 4*C*. 41 Holyoke
Veenfliet, A. F., 1*C*. 1686 Cambridge
VEJUX-TYRODE, M. P. O., *Instr*. [30] 688 Boylston*
Vernon, G. P., 2*C*. H. 13
Viaux, F., 3*C*. M. 39
Vickery, E. A., 4*M*. 38 Robinson, Dor.
VICKERY, H. F., *Instr*. [26] 268 Beacon*
Vidaud, E. W., 1*C*. T. 12
Vinal, C. R., 2*M*. 761 Columbia Road, Dor.
Vinal, E. R., 3*C*. 13 Traymore
Vincent, E. C., 3*C*. P. 12
Violette, E. M., 1*G*. 38 Sacramento
Voegelin, F. E., 2*C*. 1134 Mass. Ave.
Vose, C., 2*C*. Westmorly 21
Voss, A. B., 4*S*. 421 Broadway

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Wade, W. R., 2*S*. Fairfax 10
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WADSWORTH, O. F., *Prof*. [7] 526 Beacon*
Wadsworth, W. D., 3*C*. Russell 6
Waggoner, J. N., 1*Dn*. 99 Charles*
Wagner, F. B., 1*L*. 40 Kirkland
Wagstaff, D., 2*C*. Randolph 48
Wait, A., 3*C*. 28 Holyoke
Wait, C. R., 4*S*. W. 1
Waite, A. G., 2*C*. 44 Mt. Auburn
WALCOTT, H. P., *Fellow* [3] 11 Waterhouse
Walcott, W. W., 2*M*. Natick
Wald, R. H., 3*M*. 755 Boylston*
Waldo, C. S., 1*C*. Fairfax 17
Waldstein, C., 1*M*. 16 Ashland*
Wales, E. DeW., *grM*. 688 Boylston*
Wales, N. B., 2*S*. M. 36
Walker, C. H., 4*C*. 155 Western Ave.
Walker, C. S., 3*C*. Craigie 502
WALKER, D. H., *Asst*. [30] 99 Mountfort*
Walker, E. L., 4*S*. 16 Hampstead Road, Jam. Pl.
Walker, F. C., 2*G*. P. 84
Walker, G. R., 1*L*. 70 Kirkland
Walker, I. J., 3*C*. P. 37
Walker, W. H., 4*M*. 155 Western Ave.
Wallace, C., 1*C*. 8 Hall, W. Somer.
Wallace, G. R., 4*C*. Craigie 501
Wallace, R., 2*S*. 31 Holyoke
Wallace, R. S., 3*C*. T. 63
Waller, S., 4*C*. Randolph 14
Walsh, E. F., 2*C*. H'ke 31
Walsh, F. M., 1*C*. 56 Moseley, Dor.
Walsh, H. W., 4*C*. H. 14
Walsh, J. J., 3*C*. 33 Sterling, Rox.
Walsh, R. B., 2*C*. P. 74

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WALTON, G. L., *Instr.* [26] 199 Marlboro*
WALZ, J. A., *Instr.* [15] 1657 Cambridge
WAMBAUGH, E., *Prof.* [11] 29 Hammond
Wannamaker, W. H., 2*G.* 1663 Cambridge
Ward, H. R., 4*C.* 33 Bow
Ward, L., 4*C.* H'y 18
Ward, N. C., *sS.* P. 48
WARD, R. DEC., *Asst. Prof.* [14] 11 Fayerweather
Wardner, D. M., 2*C.* Hampden 28
Wardwell, F. W., 4*S.* Prescott 1
Wardwell, J. K., 2*M.* 56 W. Cedar*
Ware, C. E., 1*C.* M. 19
Ware, R. C., 3*C.* T. 41
Ware, T. M., 4*C.* 1572 Mass. Ave.
Warland, W. S., 3*C.* 81 Brattle
Warner, E. S., 2*S.* C. 30
Warner, H. J., 1*C.* W. 28
Warner, H. L., 4*C.* H. 32
Warner, J. E., 1*C.* Gnt. 5
Warner, L., 4*C.* Wadsworth 13
Warner, S. G., *sS.* W. H. 17
Warner, W. S., 3*S.* 78 Mt. Auburn
Warren, F. E., 2*C.* G. 26
Warren, H. B., 1*C.* 54 Mt. Auburn
Warren, H. E., 3*S.* 21 Chandler, W. Somer.
WARREN, H. L., *Prof.* [12] 64 Oxford
Warren, H. L., 1*C.* Fairfax 44
WARREN, J., *Demonstr.* [15] 58 Beacon*
WARREN, J. C., *Prof.* [8] 58 Beacon*
WARREN, M., *Prof.* [9] 105 Irving
Warren, P. L., 1*C.* 44 Brattle
WARREN, W., *Overseer* [4] 266 Washington*
Washburn, C. C., 2*C.* Hampden 13
WASHBURN, F. de W., *Asst. in Arch. Lib.* [16] Robinson Hall
Washburn, H. C., 1*C.* Craigie 108
Washburn, K. N., 3*C.* 17 Hurlbut
Waterhouse, F. A., 2*C.* T. 43
WATERMAN, G. A., *Asst.* [30] 220 Marlboro*
WATERS, B. G., *Gr. Member Athletic Comm.* [657] 23 Court*
Wates, C. G., 1*S.* 11 Traymore
Watkins, T. W., 1*C.* 423 Broadway
WATSON, B. M., *Instr.* [9] Jam Pl.
Watson, F. L., 1*L.* 63 Gorham
WATSON, F. S., *Lectr.* [26] 92 Marlboro*
Watts, J. P., 3*M.* Chelsea
Watts, M. S. McN., 2*C.* Hampden 22
Watts, S. J., 2*C.* T. 32
Wead, F. W., 2*C.* Ware 46
Webb, S. W., 1*C.* Craigie 508
Webber, A. B., 2*G.* 33 Lexington Ave.
Webber, C. J., 2*S.* Dana 49
Webber, R. F., 2*S.* 1734 Cambridge
Webber, S. E., *grM.* 688 Boylston*
Weber, H. J., 1*G.* 19 Wendell
WEBSTER, D. H., *Austin T. F.* [21] (also 1*G.*) 68 Kirkland
Webster, F. D., 1*C.* Ware 54
Webster, H. B., 2*C.* Westmorly 36
Weed, A. H., 1*L.* Apthorp 11
Weeks, C. C., 2*C.* Drayton 7
Weeks, W. S., 1*C.* C. 39
Wehle, L. B., 2*L.* 61 Brattle
Weil, A., 1*L.* 329 Mass. Ave.*
Weil, A. W., 2*L.* Dunster 36
Weil, C., 2*C.* C't 25
Weil, J., 2*C.* C't 45
Weil, J. H., 2*C.* P. 27
Weinz, W. H., 1*Dn.* 24 Akron, Rox.
WEIS, J. D., *Asst.* [30] 66 Beacon*
Weissert, C. A., *sC.* H'ke 28
Weitze, C. R., 4*S.* Ware 23
Weitzel, H. W., 2*C.* W. 43
Weitzel, R. B., 3*C.* W. 43
Welborn, C. H., 2*C.* Dana 49
Welch, G. A., 2*L.* Winthrop 32
Welch, H. W., *sB.* Egypt
Welch, R. L., *sL.* 57 Gorham
Weld, R., 2*C.* Westmorly 126
WELD, S. M., *Overseer* [4] 89 State*
Weldy, M. E., *sL.* 53 Oxford
Welldon, S. A., 3*C.* H. 15
Weller, W. W., 2*C.* 68 Wendell
Wellington, R. G., 1*G.* M. 46
Wellington, S. G., 3*L.* M. 46
Wellman, A., 2*C.* Claverly 11
Wellman, C. P., *grDv.* D. 25
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Wells, O. V., 1*M.* 163 Warren Ave.
Wells, P., 2*S.* 78 Mt. Auburn
Wells, P. A., *sS.* Craigie 301
WELLS, R. C., *Austin T. F.* [22] (also 2*G.*) Drayton 8
Wells, R. O., 2*L.* Winthrop 4
Welsh, H. S., 3*C.* 58 Mt. Auburn
Wemple, W. L., 3*L.* Craigie 202
Wenchel, J. F., *grDv.* Roslindale
[WENDELL, B., *Prof.*] [11] Brown, Shipley & Co., London, Eng.
WENDELL, B., Jr., *Proctor* [25] (also 2*L.*) Hampden 86
Wendell, M. T., 4*C.* Jam. Pl.
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WENTWORTH, E. P., *Instr.* [32] Warren Chambers*
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WERNER, J. G. W., *Instr.* [31] 172 Commonwealth Ave.*
Wertheim, M., 1*C.* C't 16
Wertheimer, J. J., 3*C.* G. 12
Wescott, H. E., 3*C.* Craigie 205
Wesson, F. H., 3*B.* Everett 87
West, F. O., 2*S.* 61 Oxford
West, J. B., 1*S.* 10 Craigie
West, R. K., 4*C.* Hampden 48
WESTENGARD, J. I., *Asst. Prof.* [15] 29 Chauncy
Westenholz, A. W. von, *sC.* 391 Harvard
WESTERGREN, A. M., *Artist, M. Z.* [639] 203 Huntington Ave.*
Weston, H. A., 1*Dv.* D. 7
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Weyman, E. C., 4*C.* 1709 Cambridge
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Whalen, S. M., 2*L.* 46 E. Newton*
Wharfield, W. M., 2*C.* T. 10
Wharton, W. P., 2*C.* Randolph 12
Whedon, B. D., 3*L.* P. 41
Wheeler, A. L., 1*C.* 12 Batavia*
Wheeler, F. C., 1*C.* Somer.
Wheeler, G. C., 2*L.* 111 Trowbridge
Wheeler, H. M., 1*C.* P. 9
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WHEELER, P., *Asst.* [24] (also 1*G.*) 9 Virginia, Dor.
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Wheeler, R. T., 2*S.* Randolph 47
Wheelock, F. R., 3*M.* Somer.
Wheelwright, R., 1*C.* Hapgood 6
Whidden, T. A., 2*S.* Hampden 2
Whipple, T. B., 1*L.* 1727 Cambridge
Whitaker, S., 1*L.* P. 86
Whitcomb, D., 1*L.* W. H. 10
Whitcomb, K. M., 1*C.* Dana 48
White, A. J., 1*C.* 61 Market
White, A. L., 1*C.* Quincy 12
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WHITE, C. H., *Instr.* [15] Rotch Bldg.
WHITE, CHARLES J., *Instr.* [28] 259 Marlboro*
White, Clarence J., 1*L.* 9 De Wolfe
White, E. D., 2*C.* W. H. 15
White, E. E., 2*S.* 1699 Cambridge
White, F. H., *sS.* Hampden 18
White, F. S., 2*L.* 474 Beacon*
WHITE, F. W., *Asst.* [28] 416 Marlboro*
White, H. C., 1*B.* 83 Morton*
WHITE, H. S., *Prof.* [10] 29 Reservoir
White, H. S., 1*Dn.* 26 Binney*
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White, J. Lowell, 4*C.* 20 Holyoke
White, J. Lyman, *sC.* 29 Reservoir
WHITE, J. W., *Prof.* [8] 18 Concord Ave.
White, L. W., 1*C.* 52 Plympton
White, W. H. H., 2*C.* 21 Mellen
Whitehead, R. F., 3*C.* Ware 7
Whitehill, P. J., 1*C.* C. 10
Whitehill, W. M., 4*C.* C. 10
Whitehouse, E. D., 3*M.* Brighton
WHITESIDE, G. S., *Asst.* [29] 323 Beacon*
Whiting, C. W., 4*C.* T. 50
Whiting, E. C., 4*C.* G. 48
Whiting, J. G., 1*C.* 16 Oxford
Whiting, M. T., 1*C.* Dana 45
Whiting, R. G., 3*C.* 31 Holyoke
WHITING, S. E., *Instr.* [20] 11 Ware
Whiting, W. H., 2*L.* 12 Oxford

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Whitman, H. C., 2*C.* Westmorly 141
Whitman, H. H., 1*C.* Claverly 20
Whitmarsh, H. T., 1*C.* C. 24
Whitnall, H. O., 1*G.* 15 Inman
Whitney, E. W., 4*M.* 183 Warren Ave.*
Whitney, F. S., 1*C.* H'ke 17
Whitney, J. L., 2*M.* Harv. Med. Sch.*
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Whitney, R. L., 3*M.* Harv. Med. Sch.*
Whitney, T. H., 3*L.* 1039 Mass. Ave.
Whitney, T. T., 1*C.* 56 Mt. Auburn
WHITNEY, W. F., *Curator Anat. Mus.* [9] 228 Marlboro*
Whiton, R. K., 3*M.* Quincy
WHITTEM, A. F., *Austin T. F.* [22] (also 1*G.*) 128 Elm
Whittemore, G. A., 4*C.* C. 26
WHITTEMORE, J. K., *Instr.* [15] Claverly 16
Whittemore, M., 1*C.* Craigie 408
Whittemore, W., 2*M.* Claverly 16
Whittemore, W. S., 3*C.* 36 Irving
Whittlesey, E. B., 1*C.* C. 66
Whitwell, W. S., 4*C.* Apthorp 7
Whorf, C. P., 2*C.* Craigie 408
Wiborn, G. V., 2*L.* Winthrop 15
Wickersham, C. W., 1*C.* 5 Linden
Wiel, S. C., 3*L.* M. 17
Wiener, A. S., 2*C.* M. 20
WIENER, L., *Asst. Prof.* [11] 8 Avon
Wiggin, R. G., 4*C.* Craigie 504
Wigglesworth, N., 1*C.* 48 Mt. Auburn
Wight, D., 2*L.* 14 Hawthorn
Wight, R. F., 4*C.* Dana 41
Wightman, A. R., 2*G.* 13 Mellen
Wilber, A. C., 1*C.* Shepherd 10
Wilbur, R. E., 1*S.* W. H. 55
Wilby, M., 1*L.* 469 Broadway
Wilcox, N. K., 1*S.* 52 Plympton
Wilcox, R. M. H., 1*C.* 381 Harvard
Wilder, E., 1*C.* 6 Holyoke
WILDER, F. M., *Asst.* [24] (also 1*G.*) 68 Kirkland
Wilder, S., 2*C.* C. 68
Wilds P., 1*L.* 5 Everett
WILKEY, F., *Steward Randall Hall Ass'n* [33] Randall Hall
Will, G. F., 1*C.* 19 Irving
WILLARD, B. G., *Asst.* [22] 218 Tremont*
Willard, H. B., 2*S.* 78 Mt. Auburn
Willard, J. L., 4*C.* T. 55
Williams, A. A., 3*Dn.* 469 Broadway
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Williams, C. N., 3*Dn.* 420 Mass. Ave.*
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Williams, D. C., 1*G.* W. 31
Williams, E. J., 1*C.* P. 23
Williams, F. S., 4*M.* Waltham
Williams, H., 1*S.* Apley 44
Williams, H. P., 4*C.* Dana 21
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WILLIAMS, J. B., *Publication Agent* [17] Channing Pl.
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Williams, M., *sS.* Westmorly 32
Williams, R. H., *sC.* W. H. 1
Williams, T. C., 3*C.* 59 Museum
Williams, W., 1*S.* Apley 44
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WILLIAMS, W. WHITRIDGE, *Asst.* [30] 143 Mass. Ave.*
Williams, W. Woodward, 1*C.* 14 Sumner
Williamson, G., 2*C.* Westmorly 5
Williamson, R. B., 1*L.* 2 Gorham
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Willis, E. N., 4*S.* 11 Sumner
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WILLOUGHBY, C. C., *Asst. Curator* [645] Peabody Museum
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WOOD, E. S., *Prof.* [8] 688 Boylston*
WOOD, H. O., *Asst.* [24] (also 1*G.*) 1716 Cambridge
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WOODWORTH, J. B., *Asst. Prof.* [14] 24 Langdon
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WYMAN, A. D., *Asst.* [24] (also 2*G.*) 908 Mass. Ave.
WYMAN, B., *Lectr.* [25] 371 Harvard
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YEOMANS, H. A., *Proctor* [25] (also 2*L.*) Craigie 202
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